

AMERICAN  
MEN OF  
SCIENCE    The Social  
and Behavioral Sciences

ELEVENTH EDITION

SUPPLEMENT 1

71080584





DOES NOT CIRCULATE

CENTRAL REFERENCE



AMERICAN  
MEN OF SCIENCE

THE  
HISTORY OF  
THE  
CITY OF  
NEW YORK



# AMERICAN MEN OF SCIENCE

A BIOGRAPHICAL DIRECTORY

*Edited by The Jaques Cattell Press*

ELEVENTH EDITION

The Social & Behavioral  
Sciences

SUPPLEMENT 1

R. R. BOWKER COMPANY

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# Editors' Preface

With this volume, the first Supplement to the Social and Behavioral Sciences, seven Supplements to the 11th Edition of AMERICAN MEN OF SCIENCE have been published.

Beginning with the Third Edition published in 1921, new editions have appeared at approximately five-year intervals. But with the rapid growth in all fields of science during the past two decades, there has been an increasing demand for more current information on the American scientific community. To publish new editions at more frequent intervals seemed impractical—the current 11th Edition ran six volumes for the Physical and Biological Sciences, with some 130,000 entries, and two volumes for the Social and Behavioral Sciences, with 30,000 biographies. Therefore, to meet this demand, the publisher and editors have undertaken a series of Supplements.

Paperbound Supplement 1, for the Physical and Biological Sciences, was published in July, 1966, and covered the alphabet from A-G; clothbound Supplement 2, March, 1967, cumulated the information from Supplement 1 and gave new data for A-K. Paperbound Supplement 3, July, 1967, supplied new material for A-O, and clothbound Supplement 4, February, 1968, cumulated the data from Supplement 3 and gave new information for A-Sr. Supplement 5, April, 1969, and Supplement 6, February, 1970, both covered the alphabet from A-Z but did not cumulate data from the other Supplements.

The six volumes embracing the Physical and Biological Sciences were published as follows: the A-C and D-G in May and December, 1965, the H-K and L-O in May and December, 1966, and the P-Sr and St-Z in May and December, 1967. The two volumes covering the Social and Behavioral Sciences were published in September, 1968.

The Supplementary Service includes complete biographies of scientists whose data were received too late for the base volumes or who have become eligible for inclusion since these volumes were published. The criteria for inclusion in AMERICAN MEN OF SCIENCE remain the same for the Supplements:

1. Achievement, by reason of experience and training, of a stature in scientific work at least equivalent to that associated with the doctorate degree, coupled with presently continued activity in such work; or
2. Research activity of high quality in science as evidenced by publication in reputable scientific journals; or, for those whose work cannot be published because of governmental or commercial or industrial security, research activity of high quality in science as evidenced by the judgment of the individual's peers among his immediate co-workers; or
3. Attainment of a position of substantial responsibility requiring scientific training and experience of approximately the extent described for (1) and (2).

In addition, the Supplements are designed to give significant new data on scientists whose biographies appear in the base volumes. This information covers changes in position and address, deceased notices, and a few other items of importance. It must be remembered that the Supplements are not intended to take the place of full revisions and should be used in conjunction with the complete biographies given in the base volumes or Supplements of the current edition. Therefore, identical information has not been repeated and the following have been held for the 12th Edition, scheduled to begin publication in 1970:

Personal data, such as marriage and additional children.

Corrections in dates or other refinements in educational data, past positions, and affiliations.

Society memberships, fellows, election to office, and awards and decorations.

Alterations to Military Service entries.

Changes in publications or field of research.

Some corrections to past information have been included in cases when the error or omission detracted from an individual background.

As in the Supplements for the Physical and Biological Sciences, new information was obtained for this Supplement by sending questionnaires to scientists whose complete biographies were included in the base volumes of the Social and Behavioral Sciences. The response has been gratifying. Many have replied to this appeal who have not responded to similar requests for previous editions. We are deeply appreciative of the time and trouble involved in sending detailed information. Much has been received that will make the 12th Edition revisions even more complete.

Pertinent new information was included in the cumulative Supplement 2 for approximately 9500 scientists whose biographies are to be found in the base volumes of the Physical and Biological Sciences of the 11th Edition, plus some 2500 new biographies. Cumulative Supplement 4 added new data for 13,650 others, as well as 4700 new biographies. Supplement 5 gave new information for over 17,000 scientists whose entries appear not only in the base volumes but also in the previous Supplements, and some 8800 new biographies. Supplement 6 included new data for more than 17,500 as well as approximately 8800 new biographies.

The first Supplement to the Social and Behavioral Sciences, presented in this volume, provides new information for more than 4400 scientists whose biographies are to be found in the base volumes, as well as approximately 3800 new biographies. Among the new biographies are a few whose entries appeared in earlier editions but who were not located in time for publication and, as a result, had only a reference in the 11th Edition. Subsequently, new addresses were found and their complete biographies are given in this Supplement.

It has been the aim of the editors to include essential new information. Suggestions and criticism on our selection will be welcome so that any succeeding issues of the Supplements can be made increasingly valuable to users of AMERICAN MEN OF SCIENCE.

The continued cooperation of the vast number of individuals and organizations interested in science has made this compilation possible. Acknowledgement is gratefully extended to the Advisory Committee, to the individual scientists, to all scientific societies, and to the university and colleges of the United States and Canada for their continued assistance and cooperation. Sincere appreciation is due to the guidance and support of Mrs. Anne J. Richter, until recently Editor-in-Chief of the Book Editorial Department of the R. R. Bowker Company.

Every effort has been made to avoid errors in the listings—with the certain knowledge that some have escaped us. We have used our best efforts to edit the material submitted within the scope of the established format, but have no legal responsibility for accidental omissions or errors in entries.

Dorothy Hancock, Managing Editor  
American Men of Science

Fred Scott, Resident Manager, The  
Jaques Cattell Press

Malcolm Johnson, Vice President and  
Editorial Director, Book Division  
R. R. Bowker Company

September, 1970



# Abbreviations

American Men of Science has tried to economize on punctuation since the first edition published in 1906, and has used only one punctuation mark at any point. Also, since many societies have the same initials, it has been found necessary to use abbreviations in place of initial letters, for their titles. These abbreviations are generally self-explanatory, or can be found in the following list:

AAAS—American Association for the Advancement of Science  
 abnorm—abnormal  
 abstr—abstractor  
 acad—academic, academy  
 acct—account, accountant, accounting  
 adj—adjunct, adjutant  
 adjust—adjustment  
 Adm—Admiral  
 admin—administration, administrative  
 adminstr—administrator  
 adv—advanced, advancement, adviser, advisory  
 advert—advertisement  
 aerodyn—aerodynamic(s)  
 aeronaut—aeronautic(s), aeronautical  
 aerophys—aerophysical, aerophysics  
 agr—agricultural, agriculture  
 agron—agronomic, agronomical, agronomy  
 agrost—agrostologic, agrostological, agrostology  
 Ala—Alabama  
 allergol—allergological, allergology  
 Alta—Alberta  
 Am—America, American  
 anal—analysis, analytic, analytical  
 analog—analogue  
 anat—anatomic, anatomical, anatomy  
 anesthol—anesthesiology  
 anglol—angiology  
 Ann—Annal(s)  
 anthrop—anthropological, anthropology  
 anthropom—anthropometric, anthropometrical, anthropometry  
 antiq—antiquarian, antiquary, antiquities, antiquity  
 apicul—apicultural, apiculture  
 APO—Army Post Office  
 app—appoint, appointed  
 appl—applied  
 appln—application  
 Apr—April  
 apt—apartment(s)  
 aquacult—aquaculture  
 arbit—arbitration  
 Arch—Archives  
 archaeol—archaeological, archaeology  
 archit—architectural, architecture  
 Ariz—Arizona  
 Ark—Arkansas  
 artil—artillery  
 Asn—Association  
 assoc(s)—associate(s), associated  
 asst—assistant  
 astrodyn—astrodynamics  
 astron—astronomical, astronomy  
 astronaut—astronautical, astronautics  
 astronr—astronomer  
 astrophys—astrophysical, astrophysics  
 attend—attendant, attending  
 audiol—audiology  
 Aug—August  
 auth—author  
 Ave—Avenue  
 avicult—avicultural, aviculture  
 b—born  
 bact—bacterial, bacteriologic, bacteriological, bacteriology  
 B.C.—British Columbia  
 bd—board  
 behav—behavior, behavioral  
 bibliog—bibliographic, bibliographical, bibliography  
 biochem—biochemical, biochemistry  
 biol—biological, biology  
 biomet—biometric(s), biometrical, biometry  
 biophys—biophysical, biophysics  
 bldg—building  
 Blvd—boulevard  
 bot—botanical, botany  
 br—branch  
 Brig—Brigadier

Brit—Britain, British  
 Bro(s)—Brother(s)  
 bryol—bryology  
 Bull—Bulletin  
 bur—bureau  
 bus—business  
 B.W.I.—British West Indies  
 c—children, corps  
 Calif—California  
 Can—Canada, Canadian  
 cand—candidate  
 Capt—Captain  
 cardiol—cardiology  
 cardiovasc—cardiovascular  
 cartog—cartographic, cartographical, cartography  
 Cath—Catholic  
 C.Eng—Corps of Engineers  
 cent—central  
 Cent. Am—Central America  
 cert—certificate, certified  
 chap—chapter  
 chem—chemical(s), chemistry  
 chmn—chairman  
 citricult—citriculture  
 climat—climatological, climatology  
 clin(s)—clinic(s), clinical  
 cmn(s)—commission(s)  
 cmnr—commissioner  
 cmt(s)—committee(s)  
 co—companies, company, county  
 co-auth—co-author  
 co-ed—co-editor  
 col(s)—college(s), colonel  
 collab—collaboration, collaborative, collaborator  
 Colo—Colorado  
 Comdr—Commander  
 commun—communicable, communication(s)  
 comp—comparative  
 comput—computation, computer(s), computing  
 conchol—conchology  
 conf—conference  
 cong—congress(es)  
 Conn—Connecticut  
 conserv—conservancy, conservation  
 conservy—conservatory  
 consol—consolidated, consolidation  
 construct—construction  
 consult—consultant, consulting  
 contrib—contributing, contributor  
 coop—cooperation, cooperative  
 coord—coordinating, coordination  
 cor—corresponding  
 corp—corporate, corporation  
 coun—council, councilor  
 counsr—counselor  
 criminol—criminological, criminology  
 crypt—cryptogam, cryptogamic  
 crystallog—crystallographic, crystallographical, crystallography  
 C.W.S.—Chemical Warfare Service  
 cybernet—cybernetic(s)  
 cytol—cytological, cytology  
 C.Z.—Canal Zone  
 Czech—Czechoslovakia  
 D.C.—District of Columbia  
 Dec—December  
 Del—Delaware  
 del—delegate, delegation  
 demog—demographic, demography  
 demonstr—demonstrator  
 dendrol—dendrologic, dendrological, dendrology  
 dent—dental, dentistry  
 dep—deputy  
 dept—department  
 dermat—dermatologic, dermatological, dermatology

# ABBREVIATIONS

develop—development, developmental	hwy—highway
diag—diagnosis, diagnostic	hydraul—hydraulic(s)
dipl—diploma, diplomate	hydrodyn—hydrodynamic(s)
dir(s)—director(s), directory	hydrol—hydrologic, hydrological, hydrology
dist—district	hyg—hygiene, hygienic(s)
div—division, divorced	
document—documentation	
Dom—Dominion	
Dr—Doctor, Drive	
e—east	ichthyol—ichthyological, ichthyology
east—eastern	Ill—Illinois
ecol—ecological, ecology	illum—illuminating, illumination
econ(s)—economic(s), economical, economy	immunol—immunologic, immunological, immunology
economet—econometric(s)	Imp—Imperial
ed—edition, editor, editorial, education, educational	improv—improvement
elec—electric, electrical, electricity	Inc—Incorporated
electroencephalog—electroencephalographic, electroenceph-	Ind—Indiana
alography	indust(s)—industrial, industries, industry
electrophys—electrophysical, electrophysics	info—information
elem—elementary	inorg—inorganic
embryol—embryologic, embryological, embryology	ins—insurance
emer—emeritus	inst(s)—institute(s), institution(s)
employ—employment	instnl—institutional
encyclop—encyclopedia	instr(s)—instruction, instructor(s)
endocrinol—endocrinologic, endocrinology	int—international
eng—engineering	intel—intelligence
Eng—England, English	introd—introduction
enrg(s)—engineer(s)	invert—invertibrate
enol—enology	invest(s)—investigation(s)
Ens—Ensign	investr—investigator
entom—entomological, entomology	irrig—irrigation
environ—environment(s), environmental	
enzym—enzymology	
epidemiol—epidemiologic, epidemiological, epidemiology	J—Journal
equip—equipment	Jan—January
espec—especially	jour—journal
estab—established, establishment	jr—junior
ethnog—ethnographic, ethnographical, ethnography	jurisp—jurisprudence
ethnol—ethnologic, ethnological, ethnology	
eval—evaluation	
evangel—evangelical	Kans—Kansas
eve—evening	Ky—Kentucky
exam—examination, examiner(s)	
except—exceptional	
exec(s)—executive(s)	
exhib(s)—exhibition(s)	
exp—experiment, experimental	
exped(s)—expedition(s)	
explor—exploration(s), exploratory	
expos—exposition	
exten—extension	
Feb—February	La—Louisiana
fed—federal	lab(s)—laboratories, laboratory
fedn—federation	lang—language(s)
fel(s)—fellow(s), fellowship(s)	laryngol—laryngology
fermentol—fermentology	lect—lecture
fertil—fertility	lectr—lecturer
Fla—Florida	legis—legislation, legislative, legislature
floricult—floricultural, floriculture	L.I.—Long Island
for—foreign	lib—liberal
found—foundation	librn—librarian
FPO—Fleet Post Office	limmol—limnological, limnology
Ft—Fort	ling—linguistic(s)
	lit—literary, literature
	lithol—lithologic, lithological, lithology
	Li—Lieutenant
	Ltd—Limited
Ga—Georgia	
gastroenterol—gastroenterology	m—married
gen—general	mach—machine(s), machinery
geneal—genealogical, genealogy	mag—magazine
geod—geodesy, geodetic	maj—major
geog—geographic, geographical, geography	malacol—malacology
geogr—geographer	mammal—mammalogy
geol—geologic, geological, geology	Man—Manitoba
geom—geometric, geometrical, geometry	Mar—March
geophys—geophysical, geophysics	Mass—Massachusetts
geriat—geriatric(s)	mat—material(s)
geront—gerontological, gerontology	mat. med—materia medica
glaciol—glaciology	math—mathematic(s), mathematical
gov—governing, governor(s)	Md—Maryland
govt—government, governmental	mech—mechanic(s), mechanical
grad—graduate	med—medical, medicinal, medicine
Gt. Brit—Great Britain	mem—member, memoirs, memorial
guid—guidance	ment—mental
gym—gymnasium	metab—metabolic, metabolism
gynec—gynecologic, gynecological, gynecology	metall—metallurgic, metallurgical, metallurgy
	metallo—metallographic, metallography
	metaphys—metaphysics
	meteorol—meteorological, meteorology
	metrol—metrological, metrology
	metrop—metropolitan
	Mex—Mexico
	mfg—manufacturing
	mfr(s)—manufacturer(s), manufacturer(s)
	mgr—manager
	mgt—management
	Mich—Michigan
	micros—microscopic, microscopical, microscopy
	mid—middle
	mil—military
	mineral—mineralogical, mineralogy
	Minn—Minnesota
	Miss—Mississippi
	mkt—market, marketing
	Mo—Missouri
	mod—modern
	monogr—monograph
	Mont—Montana
helminth—helminthology	
hemat—hematologic, hematological, hematology	
herpet—herpetologic, herpetological, herpetology	
hist—historical, history	
histol—histological, histology	
hochsch—hochschule	
homeop—homeopathic, homeopathy	
hon—honorable, honorary	
hort—horticultural, horticulture	
hosp(s)—hospital(s)	
hq—headquarters	
HumRRO—Human Resources Research Office	
husb—husbandry	

# ABBREVIATIONS

morphol—morphological, morphology	polytech—polytechnic
mt—mount, mountain(s)	ptomol—pomological, pomology
munic—municipal	pop—population
mus—museum(s)	postgrad—postgraduate
musicol—musicological, musicology	P.R.—Puerto Rico
mycol—mycologic, mycology	prehist—prehistoric, prehistory
	prep—preparation, preparative, preparatory
	pres—president
n—north	Presby—Presbyterian
NASA—National Aeronautics & Space Administration	prev—prevention, preventive
nat—national, naturalized	prfnl—professional
NATO—North Atlantic Treaty Organization	prin—principal
navig—navigation	probl(s)—problem(s)
N.B.—New Brunswick	probt—probation
N.C.—North Carolina	proc—proceedings
N.Dak—North Dakota	proctol—proctologic, proctological, proctology
Nebr—Nebraska	prod—product(s), production, productive
nematol—nematology	prof—professor, professorial
neuro—neurological, neurology	prog(s)—program(s), programming
neuropath—neuropathological, neuropathology	proj—project(s), projectional, projective
neuropsychiat—neuropsychiatric, neuropsychiatry	prom—promotion
Nev—Nevada	prov—province, provincial
New Eng—New England	psychiat—psychiatric, psychiatry
New York—New York City	psychoanal—psychoanalysis, psychoanalytic, psychoanalytical
Newf—Newfoundland	psychol—psychological, psychology
N.H.—New Hampshire	psychomet—psychometric(s)
N.J.—New Jersey	psychophys—psychophysical, psychophysics
N.Mex—New Mexico	psychophysiol—psychophysiological, psychophysiology
nonres—nonresident	psychosom—psychosomatic(s)
norm—normal	psychother—psychotherapeutic(s), psychotherapy
north—northern	pub—public, publishing
northeast—northeastern	publ—publication(s)
northwest—northwestern	
Norweg—Norwegian	qm—quartermaster
Nov—November	Qm. Gen—Quartermaster General
N.S.—Nova Scotia	qual—qualitative, quality
N.S.W.—New South Wales	quant—quantitative
numis—numismatic	quart—quarterly
nutrit—nutrition, nutritional	Que—Quebec
N.Y.—New York State	
N.Z.—New Zealand	radiol—radiological, radiology
	R.A.F.—Royal Air Force
observ—observatory	R.A.F.V.R.—Royal Air Force Volunteer Reserve
obstet—obstetric(s)	R.A.M.C.—Royal Army Medical Corps
occup—occupation, occupational	R.A.M.C.R.—Royal Army Medical Corps Reserve
oceanog—oceanographic, oceanographical, oceanography	R.A.O.C.—Royal Army Ordnance Corps
oceanogr—oceanographer	R.A.S.C.—Royal Army Service Corps
Oct—October	R.A.S.C.R.—Royal Army Service Corps Reserve
odontol—odontology	R.C.A.F.—Royal Canadian Air Force
OEEC—Organization for European Economic Cooperation	R.C.A.F.R.—Royal Canadian Air Force Reserve
off—office, official	R.C.A.F.V.R.—Royal Canadian Air Force Volunteer Reserve
Okl—Oklahoma	R.C.A.M.C.—Royal Canadian Army Medical Corps
olericult—olericulture	R.C.A.M.C.R.—Royal Canadian Army Medical Corps Reserve
oncol—oncologic, oncology	R.C.A.S.C.—Royal Canadian Army Service Corps
Ont—Ontario	R.C.A.S.C.R.—Royal Canadian Army Service Corps Reserve
oper(s)—operation(s), operational, operative	R.C.E.M.E.—Royal Canadian Electrical & Mechanical Engineers
ophthal—ophthalmologic, ophthalmological, ophthalmology	R.C.N.—Royal Canadian Navy
optom—optometric, optometrical, optometry	R.C.N.R.—Royal Canadian Naval Reserve
ord—ordnance	R.C.N.V.R.—Royal Canadian Naval Volunteer Reserve
Ore—Oregon	rd—road
org—organic	R.D.—Rural Delivery
orgn—organization(s), organizational	R.E.—Royal Engineers
ornith—ornithological, ornithology	ref—refining
orthod—orthodontia, orthodontic(s)	refrig—refrigeration
orthop—orthopedic(s)	regist—registrar
osteop—osteopathic, osteopathy	registrn—registration
otol—otological, otology	rehab—rehabilitation
otolaryngol—otolaryngologic, otolaryngology	rel(s)—relation(s), relative
otorhinol—otorhinologic, otorhinology	relig—religion, religious
	R.E.M.E.—Royal Electrical & Mechanical Engineers
Pa—Pennsylvania	rep—representative
Pac—Pacific	repub—republic
paleobot—paleobotanical, paleobotany	res—research, reserve, resident
paleont—paleontological, paleontology	ret—retired
Pan-Am—Pan-American	rev—review, revised
parasitol—parasitology	rhet—rhetoric, rhetorical
path—pathologic, pathological, pathology	R.I.—Rhode Island
pedag—pedagogic(s), pedagogy	R.M.—Royal Marines
pediat—pediatric(s)	R.N.—Royal Navy
P.E.I.—Prince Edward Islands	R.N.R.—Royal Naval Reserve
penol—penological, penology	R.N.V.R.—Royal Naval Volunteer Reserve
periodont—periodontal, periodontic(s), periodontology	roentgenol—roentgenologic, roentgenology
petrog—petrographic, petrographical, petrography	R.R.—Railroad, Rural Route
petrogr—petrographer	rwy—railway
petrol—petroleum, petrologic, petrological, petrology	
pharm—pharmacy	s—south
pharmaceut—pharmaceutic(s), pharmaceutical(s)	S.Africa—South Africa
pharmacog—pharmacognosy	S.Am—South America, South American
pharmacol—pharmacologic, pharmacological, pharmacology	sanit—sanitary, sanitation
Phila—Philadelphia	Sask—Saskatchewan
philol—philological, philology	S.C.—South Carolina
philos—philosophic, philosophical, philosophy	sch(s)—school(s)
photog—photographic, photography	scholar—scholarship
photogeog—photogeographic, photogeography	sci—science(s), scientific
photogram—photogrammetry	S.Dak—South Dakota
photom—photometric, photometrical, photometry	SEATO—Southeast Asia Treaty Organization
physcol—physiology	sec—secondary
phys—physical	sect—section
physiog—physiographic, physiographical, physiography	secy—secretary
physiol—physiological, physiology	seismog—seismograph, seismographic, seismography
pkwy—parkway	seismol—seismological, seismology
polit—political, politics	

# ABBREVIATIONS

sem--seminary  
 Sept--September  
 serol--serologic, serological, serology  
 serv--service(s)  
 Sgt--Sergeant  
 silvicult--silvicultural, silviculture  
 soc(s)--social, societies, society  
 sociol--sociologic, sociological, sociology  
 south--southern  
 southeast--southeastern  
 southwest--southwestern  
 spec--special  
 spectrog--spectrograph, spectrographic, spectrography  
 spectrophotom--spectrophotometer, spectrophotometric, spectrophotometry  
 spectros--spectroscopic, spectroscopy  
 speleol--speleological, speleology  
 sr--senior  
 St--Saint, Street(s)  
 sta(s)--station(s)  
 statist--statistical, statistics  
 stomatol--stomatology  
 stratig--stratigraphic, stratigraphy  
 struct--structural, structure(s)  
 subcmf--subcommittee  
 subj--subject  
 substa--substation  
 suppl--supplement(s), supplemental, supplementary  
 supt--superintendent  
 supv--supervising, supervision  
 supvr--supervisor  
 supvry--supervisory  
 surg--surgical, surgery  
 surv--survey, surveying  
 Switz--Switzerland  
 symp--symposium(s)  
 syphil--syphilology  
 syst(s)--system(s), systematic(s), systematical  
 taxon--taxonomic, taxonomy  
 tech--technical, technique(s), technological, technology  
 tel--telegraph(y), telephone  
 Tenn--Tennessee  
 Terr--Terrace  
 Tex--Texas  
 theol--theological, theology  
 theoret--theoretical  
 ther--therapy  
 therapeut--therapeutic(s)  
 thermodyn--thermodynamic(s)  
 topeg--topographic, topographical, topography  
 toxicol--toxicologic, toxicological, toxicology  
 trans--transactions  
 transl--translation(s), translator  
 treas--treasurer, treasury  
 trop--tropical  
 tuberc--tuberculosis  
 TV--television  
 twp--township  
 U.A.R--United Arab Republic  
 U.K--United Kingdom  
 UN--United Nations  
 unemploy--unemployment

UNESCO--United Nations Educational Scientific & Cultural Organization  
 UNICEF--United Nations International Childrens Fund  
 univ(s)--universities, university  
 UNRRA--United Nations Relief & Rehabilitation Administration  
 urol--urologic, urological, urology  
 U.S--United States  
 U.S.A--U.S. Army  
 U.S.A.A.F--U.S. Army Air Force  
 U.S.A.A.F.R--U.S. Army Air Force Reserve  
 U.S.A.F--U.S. Air Force  
 U.S.A.F.R--U.S. Air Force Reserve  
 U.S.A.R--U.S. Army Reserve  
 U.S.C.G--U.S. Coast Guard  
 U.S.C.G.R--U.S. Coast Guard Reserve  
 U.S.M.C--U.S. Marine Corps  
 U.S.M.C.R--U.S. Marine Corps Reserve  
 U.S.N--U.S. Navy  
 U.S.N.A.F--U.S. Naval Air Force  
 U.S.N.A.F.R--U.S. Naval Air Force Reserve  
 U.S.N.R--U.S. Naval Reserve  
 U.S.P.H.S--U.S. Public Health Service  
 U.S.P.H.S.R--U.S. Public Health Service Reserve  
 U.S.S.R--Union of Soviet Socialist Republics  
 U.S.W.M.C--U.S. Women's Marine Corps  
 U.S.W.M.C.R--U.S. Women's Marine Corps Reserve  
 Va--Virginia  
 veg--vegetable(s), vegetation  
 vent--ventilating, ventilation  
 vert--vertebrate  
 vet--veteran(s), veterinarian, veterinary  
 vinicult--viniculture  
 virol--virological, virology  
 vis--visiting  
 voc--vocalational  
 vols(s)--volume(s), voluntary, volunteer(s)  
 v.pres--vice president  
 Vt--Vermont  
 w--west  
 W.A.C--Women's Army Corps  
 Wash--Washington  
 Wash, D.C--Washington, D.C.  
 W.A.V.E.S--Women Accepted for Voluntary Emergency Service  
 west--western  
 WHO--World Health Organization  
 W.I--West Indies  
 wid--widow, widowed, widower  
 Wis--Wisconsin  
 W.R.C.N.S--Women's Royal Canadian Naval Service  
 W.R.N.S--Women's Royal Naval Service  
 W.Va--West Virginia  
 Wyo--Wyoming  
 YMCA--Young Men's Christian Association  
 YWCA--Young Women's Christian Association  
 zool--zoological, zoology



# AMERICAN MEN OF SCIENCE

## SUPPLEMENT 1

### A

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- ADAMS, DR. SIDNEY. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Retired. Address: 242 N. Granada, Arlington, Va. 22203.
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- AGATA, PROF. BURTON C. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- AGGER, PROF. ROBERT E. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Political Science, McMaster University, Hamilton, Ont. Can.
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- TUCKY, 68- U.S.A. 55-56, Sgt. Am. Geog. Soc.; Asn. Am. Geog.; Pop. Asn. Am.; Regional Sci. Asn.; Mid. East Studies Asn. N.Am. Population processes in spatial systems; utilization of quantitative methods and computers in geographic research; demographic processes in the Middle East. Publ: Cooperative agricultural settlement in Egypt and Israel, Land Econ, 5/66. Address: Dept. of Geography, University of Kentucky, Lexington, Ky. 40506.
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- ALLEN, DR. JONATHAN. Electrical Engineering. See Suppl. VI to 11th ed. Phys. & Biol. Vols.
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- ANTLER, DR. LAWRENCE. Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 140 W. 57th St, Apt. 12 RE, New York, N.Y. 10019.
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- ASHER, ROBERT ELLER. Economics, Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New publ. A Forward look at foreign aid: development assistance in the 1970's, Brookings, 70. Address: Dept. of Foreign Policy Studies, Brookings Institution, Washington, D.C. 20036.
- ASHIDA, DR. SACHIO, b. Japan, May 2, 24; U.S. citizen; m. 55; c. 2. PSYCHOLOGY. B.A., Kwansei Gakuin Univ., Japan, 51; fel. Kyoto, 51-53; M.A., Nebraska, Lincoln, 58, Ph.D. (psychol.), 63. Lab. asst. PSYCHOL., Nebraska, Lincoln, 53-54, res. asst. 54-63; Nat. Sci. Found. fel. MICHIGAN, 63-64, lectr. 64-66, res. assoc. 64-66, ASST. PROF. 66- Japanese Imperial Army Air Force, 44-45. AAAS; Psychol. Asn. Various problems of incentive motivation and the effects of incentive motivation on learning and performance; the effects of incentive shifts on goal-choice patterns of rats in an open-field. Publ. Co-auth. Study guide to accompany psychology, Harper & Row, 66; auth. Modification by early experience of the tendency toward gregariousness in rats, *Int. Animal social psychology*, Wiley, 69; Effects of consecutive shifts of reward magnitude on runway performance, *Psychol. Reports*, 69. Address: 1421 Glen Leven Rd, Ann Arbor, Mich. 48103.
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- AUBREY, PROF. HENRY G. Economics. See 11th ed, Soc. & Behav. Vols, deceased.
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- AUERBACH, PROF. CARL A. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
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- AURAY, (ROBERT) R(OY). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. bus. res., long lines dept., Am. Tel. & Tel. Co., 69- Address: 19 Echo Ridge Rd., Upper Saddle River, N.J. 07458.
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- AUSTIN, DR. LETTIE JANE. English, Education. See 5th ed, Dir. Am. Scholars, Vol. II, Eng., Speech & Drama.
- AUSTIN, PROF. WILLIAM MANDEVILLE. Linguistics. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang., Ling., & Philol.
- AUXIER, DR. GEORGE W(ASHINGTON). International Relations, Economic History. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Independent consult. & res. contractor, 66- Address: 12315 Fernmont Lane, Silver Spring, Md. 20902.
- AVANT, DR. LLOYD L. Experimental Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- AVERILL, DR. JAMES R., b. San Francisco, Calif., Nov. 29, 35; m. 62; c. 2. PSYCHOLOGY. B.A., San Jose State Col., 59; Fulbright grant, Bonn, 59-60; Ph.D. (psychol.), California, Los Angeles, 66. Lectr., psychol., California, Santa Barbara, 65-66, ASST. RES. PSYCHOLOGIST, CALIFORNIA, BERKELEY, 66- U.S.A., 54-57. Psychol. Asn.; Soc. Psychophysiol. Res. Psychophysiology of emotion. Publ: Grief: its nature and significance, *Psychol. Bull.*, 68; co-auth, Psychophysiological assessment, in: *Advances in psychological assessment*, Sci. & Behavior Bks., 68 & Cross cultural studies of psychophysiological responses during stress and emotion, *Int. J. Psychol.*, 69. Address: Dept. of Psychology, University of California, Berkeley, Calif. 94720.
- AVILA, DR. MANUEL, b. Mexico City, Mex., Nov. 22, 21; U.S. citizen; m. 65; c. 3. ECONOMICS. B.A., Pennsylvania, 61, Ford Found. fel., 61-64, Ph.D. (econ.), 65. Res. economist, spec. ops. res. off., American Univ., 64-65; off. econ. res., Econ. Develop. Admin., U.S. Dept. Commerce, 66; Office High Speed Ground Transportation, U.S. Dept. Transportation, 66-67; ASST. PROF. ECONOMICS, VILLANOVA, 67- U.S.A., 43-46, Sgt. Asn. Evolutionary Econ. Economics of underdeveloped areas; problems of social and economic interregional inequality. Publ: Tradition and growth, *Univ. Chicago*, 69. Address: Dept. of Economics, Villanova University, Villanova, Pa. 19085.
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- AXINN, DR. GEORGE HAROLD. Sociology, Mass Communication. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Pres. & exec. dir., 69-, Midwest Universities Consortium for International Activities, University of Illinois, Champaign, Ill. 61820.
- AXINN, DR. S(DONEY). Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- AXLINE, DR. W. ANDREW, b. Newark, Ohio, Aug. 6, 40. POLITICAL SCIENCE, INTERNATIONAL RELATIONS. B.A., Ohio State, 62; Georgetown, 62-63; Ph.D. (int. rels.), Hopkins, 67; summer fel., Michigan, 67. Res. assoc., European Study Inst., 65-66; ASST. PROF. POLIT. SCI., OHIO STATE, 66- Mem. bd. dirs., Am. Friends Wilton Park, 67- Polit. Sci. Asn.; Soc. Int. Law. Regional organizations attempting economic and political integration. Publ: European community law and organizational development, *Oceans*, 68; Legal integration through judicial fiat, *J. Common Mkt. Studies*, spring 69. Address: Dept. of Political Science, Ohio State University, Columbus, Ohio 43210.
- AYEARST, PROF. MORLEY. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New publ: The Republic of Ireland: its government and politics, New York Univ. & Univ. London, 69. Address: 245 Old Stone Highway, Springs, East Hampton, N.Y. 11937.
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## B

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- BABBIE, DR. EARL ROBERT, b. Detroit, Mich., Jan. 8, 38; m. 65; c. 1. SOCIOLOGY. A.B., Harvard Col., 60; M.A., California, Berkeley, 66, Ph.D. (sociol.), 69. Res. sociologist, surv. res. center, California, Berkeley, 66-

- 68, asst. dir. 67-68; ASST. PROF. SOCIOLOGY, HAWAII, 68-, DIR. INSTNL. RES. OFF. 70-, asst. sociologist, Soc. Sci. Res. Inst. 68-69, Surv. consult. model cities proj, Honolulu, Hawaii, summer 69. U.S.M.C. 60-63, 1st Lt. AAAS; Sociol. Assn. Soc. Sci. Study Relig. Survey research methodology; sociology of religion, medicine and education. Publ: Co-auth. To comfort and to challenge, 67 & auth. Science and morality in medicine, 70, Univ. California. Address: Dept. of Sociology, University of Hawaii, Honolulu, Hawaii 96822.
- BABCOCK, DR. SAMUEL DONALD, JR.** Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prin. clin. psychologist, Vineland State Sch, 69-. Address: 740 Pear St, Vineland, N.J. 08360.
- BACCHUS, DR. MOHAMED KAZIM, b.** Queenstown, Guyana, Oct. 11, 23; m. 51; c. 3. SOCIOLOGY. B.Sc. London, 55, M.A., 59, Leverhulme scholar, 61-62, UNESCO fel, 64-65, Ph.D.(ed. develop), 68; WHO fel, California, Berkeley, 60-61, M.P.H. 61. Lectr. ed, inst. ed, London, 59; health ed. officer, Ministry of Health, Govt. Guyana, 59-62, asst. chief ed. officer, Ministry of Ed, 62-65; lectr. ed, Univ. West Indies, 65-69; ASSOC. PROF. SOCIOL. OF ED, ALBERTA, 69-. Education and development in the emergent nations. Publ: Relationship between professional and technical officers during a period of administrative change, *Social. Rev.* 7/67, The development of educational planning with special reference to the West Indies, *Teacher Ed.* 6 & 12/67 & Patterns of educational expenditure in an emergent nation, *Soc. & Econ. Studies*, 9/69. Address: 12203 39th Ave, Edmonton 73, Alta, Can.
- BACH, WILFRID OSKAR.** Physical & Environmental Science. See 12th ed, Phys. & Biol. Vols.
- BACKENHEIMER, DR. MICHAEL S(AUL).** Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Res. sociologist, Nat. Inst. Ment. Health, 69-, Address: 9409 Wadsworth Dr, Bethesda, Md. 20804.
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- BADI, DR. JOSEPH, b.** Kutu, Poland, Apr. 19, 20; U.S. citizen; m. 58; c. 2. POLITICAL SCIENCE. Dipl. Teachers Sem, Lvov, Poland, 39; M.A., New Sch. Soc. Res, 56; Middlebury Col, 58; Ph.D.(ed. develop), N.Y. Univ, 68. Head teacher, Hebrew High Sch, N.Y. 54-68; ASST. PROF. HEBRAIC STUDIES, RUTGERS, 68-. Part-time instr. N.Y. Univ, 65-. Polit. Sci. Assn; Hist. Assn; Adv. Slavic Studies. State of Israel and the Arab League, Soviet Russia and the East Bloc. Publ: Religion in Israel today, Bookman Assoc, 59-, ed. Fundamental laws of the State of Israel, 61 & auth. The government of the State of Israel, 63, Twayne. Address: Dept. of Hebraic Studies, Rutgers, The State University, New Brunswick, N.J. 08903.
- BAENNINGER, DR. RONALD, b.** Yokohama, Japan, Nov. 18, 37; U.S. citizen; m. 65. PSYCHOLOGY. B.E. Stevens Inst. Tech, 59; M.S., Carnegie Inst. Tech, 62; Ph.D.(psychol), Hopkins, 66. Instr. PSYCHOL, Bethany Col, 62-63; ASST. PROF. TEMPLE, 66-. Nat. Inst. Ment. Health grant, 67-68. Psychol. Assn; Animal Behav. Soc; Psychonomic Soc. Study of social behavior, particularly aggressive behavior from a comparative point of view. Publ: Contrasting effects of fear and pain on mouse-killing by rats, 67 & Suppression of interspecies aggression by several aversive training procedures, 70, *J. Comp. & Physiol. Psychol.*; Catechol amines and social relations in Siamese fighting fish, *Animal Behav.* 68. Address: Dept. of Psychology, Temple University, Philadelphia, Pa. 19122.
- BAER, PROF. EVELYN ESTHER.** Communication Disorders. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- BAER, DR. MICHAEL A, b.** Atlanta, Ga, Feb. 4, 43; m. 64; c. 1. POLITICAL SCIENCE. B.A. Emory, 64; Georgia, 64; M.A., Oregon, 66, Ph.D.(polit. sci), 68. ASST. PROF. POLIT. SCI., KENTUCKY, 68-. Polit. Sci. Assn. Interest group and legislative behavior; urban politics and population mobility; computer application to the behavioral sciences. Publ: Co-auth. Lobbying: interaction and influence in American state legislatures, Wadsworth, 69; Computers and political science, *Comput. & Humanities*, 67 & Expectations of Presidential leadership in decision making, *In: The Presidency*, Little, 69. Address: Dept. of Political Science, University of Kentucky, Lexington, Ky. 40506.
- BAER, PROF. WERNER.** Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. 69-, Dept. of Economics, Vanderbilt University, Nashville, Tenn. 37203.
- BAERRESEN, DR. DONALD WALTER, b.** Los Angeles, Calif, Dec. 29, 28. ECONOMICS. Ph.D.(econ), California, Los Angeles, Econ. Dev. Inst., Oct. 62, Brazil, 65-68; DIR. RES. CENTER ADV. STUDIES INT. BUS, 69-. U.S.A. 55-57. Econ. Assn. Latin America. Publ: Co-auth. Latin American trade patterns, Brookings Inst, 65; auth. Method for planning economic integration in specified industries, *J. Common Mkt. Studies*, 67; Brazil's participation in LATFA, *Econ. of Brazil*, 69. Address: Hilton Center, 900 Wilshire, Suite 358, Los Angeles, Calif. 90017.
- BAGIN, PROF. DONALD R, b.** Philadelphia, Pa, Feb. 3, 38; m. 66; c. 3. COMMUNICATIONS. B.A., Villanova, 59, M.A. 61; Ed.D.(sch. commun), Temple, 69. Teacher, pub. schs, Pa, 59-64, pub. dir, 61-64, intern admstr., 64-65; asst. prof. commun, Glassboro State Col, 65, asst. prof, 66-68; superv. info. sys., N.J. Dep't. of Ed, Trenton, 65-66; PROF. COMMUN. & DIR. PUB. RELS, GLASSBORO STATE COL, 68-. Commun. consult., N.J. State Dept. Ed, 67-71. N.Y. State Dept. Ed, Albany, 68-; Ed. Improv. Center, Glassboro, 69-69. Writers Assn. School-press relations; community attitude toward schools; ghetto communication; school bond issues and budgets. Publ: Public relations for principals, Gloucester County Supt. Off., Clayton, N.J., 69; Life in the jargon jungle, *Ed. Notes*, N.J. Fed. Bd., summer 68. Communication: a problem for schools, *Pa. Sch. Bd. J.* 1/68. Address: 806 Westminster Blvd, Turnersville, N.J. 08012.
- BAHADUR, PROF. RAGHU RAJ.** Mathematical Statistics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- BAHN, DR. WILLIAM M, b.** Glen Rock, Pa, Jan. 3, 33; m. 56. EDUCATIONAL PSYCHOLOGY. B.S. Shippensburg State Col, 57; M.Ed., West. Md. Col, 59; Ed.D.(spec. ed), West Virginia, 69. Teacher, Waynesboro Area Schs, 57-60; Westmoreland County Schs, 60-62; psychologist, Ind. County Schs, 62-66; ASSOC. PROF. ED. & SCH. PSYCHOL., INDIANA UNIV, Pa, 69-. Assn. Ment. Deficiency; Coun. Except. Children; Psychol. Assn. Oral language of the mentally retarded. Address: Dept. of Educational Psychology, Indiana University of Pennsylvania, Indiana, Pa. 15701.
- BAHTI, DR. JAMES H, b.** Hancock, Mich, July 10, 23; m. 48; c. 2. POLITICAL SCIENCE. B.S., Michigan Tech, 48; M.P.A., Michigan, 50, Ph.D.(polit. sci), 59, fel, Brookings Inst, 66-67; Nat. War Col, 69-70. Instr. eng. admin. Michigan Tech, 49-51, asst. prof, 51-52, 54-55; FOR. SERV. OFFICER, U.S. DEPT. STATE, 55-. U.S.A.A.F., 43-46. Polit. Sci. Assn. Near East and Arab-Israel affairs; German affairs. Publ: The Arab economic boycott of Israel, privately pub, 67. Address: 6015 Chesterbrook Rd, McLean, Va. 22101.
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- BAILEY, DR. KENT GRAYBEAL, b.** Bluefield, W. Va., Nov. 21, 38; m. 64; c. 1. PSYCHOLOGY. B.A., Emory & Henry Col, 62; M.S., Va. Commonwealth Univ, 64; Ph.D.(clin. psychol), West Virginia, 68. ASST. PROF. PSYCHOL., VA. COMMONWEALTH UNIV, 68-. Psychotherapy research and methodology; personal space and human territoriality. Publ: Sr. auth. Audiotape and videotape playback in psychotherapy, *Psychol. Bull.* (in press) & Developmental difference in self-ratings in intelligence, *J. Clin. Psychol.* (in press). Address: Dept. of Psychology, Virginia Commonwealth University, 810 W. Franklin St, Richmond, Va. 23220.
- BAILEY, DR. MATTOX AUGUSTUS, b.** Elberton, Ga, Mar. 12, 18; m. 47. PSYCHOLOGY. EDUCATION. A.B., Paine Col, 40; A.M., Atlanta, 50, Ph.D. (psychol), Catholic Univ, 51. Teacher, pub. sch, Ga, 40-42; instr. chem. Paine Col, 46-47; trainee psychol., Vet. Admin, 47-51, staff psychologist, 51-57, res. psychologist, 57-63; COORDINATOR RES. VET. ADMIN. OUTPATIENT CLIN, N.Y., 63-. Lectr., Brooklyn Col & adj. prof. Adelphi, 66-consult., Nassau Cardiac Eval. Unit, 68-. U.S.A., M/Sgt, 42-46. Effectiveness of group and individual psychotherapy in treatment of emotional disorder; psychiatric patients response to medication. Publ: Co-auth. Person perception, *J. Proj. Tech.* & Personality Assessment, 1/64; Differences in trait attribution, 1/67 & Length of stay in psychotherapy, 68, *J. Clin. Psychol.* Address: 89 Eldridge Ave, Hempstead, N.Y. 11550.
- BAILEY, DR. STEPHEN KEMPE.** Government. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Chmn. policy inst, 69-, Syracuse University Research Corp, Merrill Lane, University Heights, Syracuse, N.Y. 13210.
- BAILEY, DEAN NATHAN A.** Economics, Business Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Elected bd. dirs., U.S. Chamber of Commerce. Address: School of Business Administration, American University, Washington, D.C. 20016.
- BAILY, DR. LOTTE.** Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Res. assoc. ed. res. center, Mass. Inst. Tech, 69-. Address: 3 Hurlbut St, Cambridge, Mass. 02138.
- BAIN, PROF. READ.** Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 111 S.W. Harrison St, Apt. 5F, Portland, Ore. 97201.
- BAINES, DR. JOHN M, b.** Philadelphia, Pa, Dec. 25, 35; m. 58; c. 2. POLITICAL SCIENCE. A.B., Washburn, 62; M.A., Wisconsin, Madison, 64, Ph.D. (polit. sci), 68. ASST. PROF. POLIT. SCI. & acting chmn. dept, Wittenberg, 67-68; ASST. PROF. WYOMING, 68-. Summers, Soc. Sci. Found. res. fel, Denver, 69, faculty res. fel, Wyoming, 69. Polit. Sci. Assn. Revolutionary political thought; Latin American military forces; political violence. Publ: Revolution in Peru, the role of Mariategui, *Rocky Mt. Soc. Sci. J.* 4/70, The political leaders of Peru, *In: Latin American leaders*, Ariz. State Univ, 70. Address: Dept. of Political Science, University of Wyoming, Laramie, Wyo. 82070.
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- BAIRD, PATRICK D(UGLAS).** Geography, Glaciology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- BAIRD, DR. WILLIAM M, b.** Kansas City, Kans, Oct. 5, 35; m. 57; c. 2. ECONOMICS. A.B., Wittenberg, 57; M.A., Ohio State, 59, Ph.D.(econ), 68. Instr. Econ, Wittenberg, 58-63; asst. prof, 63-68; ASSOC. PROF., WOOSTER COL, 68-. Econ. Assn. Labor markets and mobility; medical labor markets. Publ: Barriers to collective bargaining in registered nursing, *Labor Law J.* 1/69. Address: Dept. of Economics, College of Wooster, Wooster, Ohio 44691.



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- BAJZA, PROF. CHARLES C. b. Bacs, Hungary, May 9, 14; U.S. citizen; m. 44; c. 5. GEOGRAPHY. B.A., Indiana, 41, M.A., 42, Ph.D. (geog.), McGill, 47. Instr. geog. Indiana, 41-43 & 47-49; geologist, Standard Oil & Gas Co., 43-47; PROF. GEOG. TEXAS A&I, 49. CHMN. DEPT. GEOG. & GEOL., 62. Vis. prof. Orange State Col., 62; curriculum consult. Tex. Pub. Sch. Sys. Assn. Am. Geog. Nat. Coun. Geog. Ed. The geography of Texas, North America and Central and East Europe. Publ: Co-auth. World geography, McGraw, 63; auth. Your Texas government, 62 & At home and far away, 65, Benson. Address: Dept. of Geography & Geology, Texas A&I University, Kingsville, Tex. 78363.
- BAKER, DR. CLINTON A(L)LAN, b. Louisville, Ky, June 10, 28; m. 55; c. 2. MARKETING. B.S. Louisville, 55; M.B.A., Indiana, 57, D.B.A. (mkt), 61. Asst. prof. Mkt. SOUTH CAROLINA, 59. ASSOC. PROF. 64. U.S.A. F. 50-53, S/Sgt. Mkt. Assn. Image studies; consumer surveys; sale analysis; brand surveys. Publ: *Wholesaling in South Carolina*, Univ. S.C., 63; *Marketing planning, 64 & Interdependency in the marketing mix*, 68, South. J. Bus. Address: Dept. of Marketing, University of South Carolina College of Business Administration, Columbia, S.C. 29208.
- BAKER, DR. ELDON E. Communication. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Sr. mgt. develop. coordinator, commercial airplane div, Boeing Co., 68-69; dir, communication res. center, Montana, 69. Address: University of Montana, Missoula, Mont, 59801.
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- BAKER, DR. HAROLD B(R)USS, Economics, Business Administration. See 11th ed, Soc. & Behav. Vols., deceased 69.
- BAKER, PROF. JOHN W(ESLEY), Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. res, Baptist Joint Cmt. Pub. Affairs 69. Address: 6414 Crane Terr, Bethesda, Md. 20034.
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- BAKER, DR. PAUL C(LEO), II. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir. human resources, 69-, Motorola Executive Institute, Vail, Ariz. 85641.
- BAKER, PROF. RALPH LAVERN. Agricultural Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Ohio State University, 2120 Fyffe Rd, Columbus, Ohio 43210.
- BAKER, DR. ROBERT A(L)LEN, JR. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Chmn. dept. psychol., 69-, University of Kentucky, Kastle Hall, Lexington, Ky. 40506.
- BAKER, DR. ROBERT WILLIAM. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Asst. provost for student affairs, Clark, 69-, no longer dean students. Address: 398 May St, Worcester, Mass. 01602.
- BAKER, DR. ROSS K. b. Philadelphia, Pa, June 26, 38; m. 66. POLITICAL SCIENCE. B.A., Pennsylvania, 60, M.A., 62, Ph.D. (polit. sci.), 66; California, Berkeley, 62-63. Res. org. for policy, For. Policy Res. Inst., 63-65; res. scientist mil. affairs, Center Res. Soc. Sys., 65-66; res. assoc. African affairs, Brookings Inst., 66-68; asst. prof. POLIT. SCI., RUTGERS, 68-70. ASSOC. PROF. 70. Prof. lectr. Catholic Univ., 67-68. Polit. Sci. Assn; Am. Soc. & Behav. Scientists; fel. African Studies Assn. African political development; comparative military institutions in African and Afro-American studies. Publ: Military status and status-deprivation in three Latin American armies, American Univ., 67; The Afro-American, Van Nostrand & Reinhold, 69; The emergence of Biafra, Orbis, 68. Address: Dept. of Political Science, Rutgers, The State University, New Brunswick, N.J. 08903.
- BAKER, PRES. THOMAS E(RIC). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Pres., 69-, Briarcliff College, Briarcliff Manor, N.Y. 10510.
- BAKER, DR. THOMAS WILLIS, b. Philadelphia, Pa, Dec. 12, 38; m. 63; c. 1. EXPERIMENTAL PSYCHOLOGY. A.B., St. Joseph's Col. (Pa.), 52; M.A., Wisconsin, Madison, 55, Ph.D. (psychol.), 67. ASST. PROF. PSYCHOL., Wis. State, Whitewater, 66-66; LAWRENCE, 68. Psychol. Assn; Psychonomic Soc. Animal learning, especially variables affecting avoidance conditioning; properties of conditioned stimulus and component control within compound stimuli. Publ: Compound strength in a compound CS as a function of number of acquisition trials, 79: 347-352 & Resistance to extinction of components in a compound stimulus as a function of the CS-CS interval and practice conditions, 80: 304-310, J. Exp. Psychol; Properties of compound conditioned stimuli and their components, Psychol. Bull., 70: 611-625. Address: Dept. of Psychology, Lawrence University, Appleton, Wis. 54911.
- BAKER, DR. WILLIAM GEDNEY, b. New York, N.Y., May 15, 31; m. 66. POLITICAL SCIENCE. B.A., Virginia, 54; M.A., Grad. Inst. Studies, Geneva, 59, Ph.D. (polit. sci.), 68. Res. economist, Battelle Mem. Inst., D.C., 66-70; ECONOMIST, WHO, 70. U.S.A. 54-56, Capt. Polit. Sci. Assn; Acad. Polit. & Soc. Sci; African Studies Assn. International politics and law; United States foreign policy; political and economic aspects of arms control; economics of developing countries. Publ: The United States and Africa in the United Nations: a case study in American foreign policy, 68. Address: 63 Stonebridge Rd, Montclair, N.J. 07042.
- BALAGURA, DR. SAUL. Physiological Psychology, Biopsychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- BALANCE, DR. WILLIAM D. G. b. Birmingham, Ala, Aug. 14, 36. PSYCHOLOGY. B.A., Birmingham-South. Col., 57; Ph.D. (clin. psychol.), Alabama, 67. U.S. Pub. Health Serv. intern. psychol. inst. human develop, Clark, 61-62; consult. psychol., Soc. Sci. State Dept. Ment. Health, 62-63; clin. intern. psychol., Emory, 67-68; ASST. PROF. PSYCHOL. & ASSOC. DIR. PSYCHOL. CENTER, WINDSOR, 68. Staff clin. psychologist, Ga. Ment. Health Inst., Atlanta, 67-68. Consult. psychologist, Jackson County Ment. Health Assn, 64-67; Jackson County Bd. Ed. Scottsboro, 67. Mem. bd. dirs. St. Vincent's Nursery Sch., Birmingham, 65-67; Goodwill Indus., Windsor, Ont, 70. Psychol. Assn. Publ: Co-auth. Verhaltenstherapie im achtzehnten Jahrhundert, Mitteilungen der Gesellschaft, 69; Mental illness: myth, metaphor or model, Prtnl. Psychol., winter 70 & A note on Goethe as behavior therapist, J. Hist. Behav. Sci., (in press). Address: Psychological Center, University of Windsor, Windsor 11, Ont, Can.
- BALDONADO, DR. ORLINO C. Nuclear Engineering, Applied Mathematics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- BALDOS, DR. CORAZON SARINAS. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Asst. dir. & psychologist in charge, Garden State Oxygene House, Newark, N.J., 69. Address: 200 E. 27th St, New York, N.Y. 10016.
- BALDWIN, DR. JOHN DAVID, b. Cincinnati, Ohio, June 24, 41; m. 67. PRIMATOLOGY, SOCIOLOGY. B.A., Hopkins, 63, Ph.D. (sociol. primatology), 67; fel. Freiburg, 63-64. ASST. PROF. SOCIOL. CALIFORNIA, SANTA BARBARA, 67. ASSOC. PROF. 68. Lectr. Field studies on New World primates, especially Salmiri; analysis of behavior in simulation games. Publ: The social behavior of adult male squirrel monkeys (Salmiri sciureus) in a seminatural environment, 68 & The ontogeny of social behavior of squirrel monkeys (Salmiri sciureus) in a seminatural environment, 69, *Folia Primatologica*; influences detrimental to simulation gaming, Am. Behav. Scientist, 69. Address: Dept. of Sociology, University of California, Santa Barbara, Calif. 93106.
- BALDWIN, DR. ROGER, b. Boston, Mass, Nov. 14, 28; m. 49; c. 5. SOCIOLOGY, SOCIAL WELFARE. A.B. Boston, 52; M.A., N.Y. Univ., 56, Martin Luther fel., 64, Ph.D. (sociol.), 67. Prob. officer, New York City Prob. Dept. 55-60, suprv. 60-62; asst. prof. SOCIOL. MUEHLBERG COL., 62-68, ASSOC. PROF. 68. Lectr. Pub. Serv. inst. Allentown & Phila., Pa., 66-; vis. assoc. prof., Lehigh, 69. Consult. anti-poverty prog., Allentown, Pa., 67-68. U.S.N. 45-49. Sociol. Assn; Soc. Criminol; Nat. Coun. Crime & Delinquency. Juvenile delinquency, crime and family relations; sociological and psychological theory and its applications; study of the police. Publ: The consequences of the overextension of authority and the police image, 2/70 & The police and the ex-convict: the reciprocity of suspicion, (in press), *Criminologica*; The police as moral enforcers, in: Sex on the contemporary American scene, (in press). Address: Dept. of Sociology, Muhlenberg College, Allentown, Pa. 18104.
- BALDWIN, DR. WOODROW WILSON, b. Dumas, Tex, Mar. 20, 20. BUSINESS ADMINISTRATION. B.S. Oklahoma, 42; M.A., California, Los Angeles, 47, Ed.D. (bus. ed), 52. Instr. bus. California, Los Angeles, 46-52, asst. prof., 52-56; PROF. BUS. AND CHMN. DEPT. BUS. ADMIN. SIMMONS COL., 56. Consult. Lockheed Aircraft, 49; Twentieth Century-Fox Studios, 50; Culver City Sch. 53; Components Sales Corp., N.Y., 61; Crosby Corp., Mass, 66. U.S.A. 42-45. Admin. Mgt. Soc. Adv. Mgt; Mgt. Assn. European business methods; management decision making. Publ: Co-auth. Gregg speed building for colleges, McGraw, 58 & A guide for the teaching of shorthand and transcription, Calif. Dept. Ed., chap. in: The dynamic world of education for business: issues, trends, forecasts, South-West, Publ. Co., 69. Address: Dept. of Business Administration, Simmons College, 300 The Fenway, Boston, Mass. 02115.
- BALESTER, DR. RAYMOND J(MES). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: V. provost soc. & behav. sci., Case Western Reserve, 69. Address: 2460 Edgell Rd, Cleveland Heights, Ohio 44106.
- BALICKA, SOPHYA M. International Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Secy-treas, Balco Screw Mach. Prod. Co., Franklin Park, 68. Address: 4137 Henderson St, Chicago, Ill. 60641.



- BALK, DR. WALTER L. b. Buffalo, N.Y., Dec. 17, 24; m. 51; c. 3. ORGANIZATIONAL BEHAVIOR. B.S.I.E., Lafayette Coll., 50; Gen. Elec. fel., Cornell, 63-64, M.S. 64, Ph.D.(orgn. behav.), 67. Clerk-Interpreter, For. Serv. U.S. Dept. State, Brazil, 42-44; engr. Int. Bus. Mach. Corp., 50-54, mgr. prod. control, 54-58, mgr. proj. mfg., 58-62; asst. prof. ORGN. BEHAV. STATE UNIV. N.Y. ALBANY, 66-70, ASSOC. PROF., 70- Consult., Dept. Ment. Hyg. Div. Voc. Rehab. Dept. Soc. Welfare & Dept. Ed., N.Y. State, 67- U.S.A., 44-46, S/Sgt. Psychol. Asst.; Inst. Indust. Engng; Soc. Pub. Admin. Organizational theory and psychology; systems analysis; bureaucratic impact upon social change; international administration. Publ.: Co-auth., An analysis of the division of vocational rehabilitation, N.Y. State Dept. Ed., 68; auth., The destructive stereotype, J. Indust. Engrs., 6/65 & state perceptions of management peers, Acad. Mgt. J., 12/69. Address: P.O. Box 318 A, Delmar, N.Y. 12054.
- BALL, DR. DONALD W(ATKINS), b. San Francisco, Calif., May 23, 34; m. 59; c. 3. SOCIOLOGY. B.A., California, Santa Barbara, 60; M.S., Oregon, 62; M.A., California, Los Angeles, 66, Can. Coun. fel., 68-69, Ph.D.(sociol.), 69. Vis. asst. prof. SOCIOL., British Columbia, 66; lectr., VICTORIA, 67-69, asst. prof., 69-70, ASSOC. PROF., 70- Grants, Univ. Victoria Faculty Res. Cmt., 67-70; assoc. ed., Pac. Sociol. Rev., 70. Sociol. Asn.; Soc. Study Social Probs; Can. Sociol. & Anthropol. Asn. Interaction in natural settings; deviance; comparative and cross-cultural analysis; the family; infrahuman social organization and behavior; microecology. Publ.: An abortion clinic ethnography, Soc. Probs., winter 67; Toward a sociology of telephones and telephones, In: Sociology and everyday life, Prentice-Hall, 68; The problematics of respectability, In: Deviance and respectability, Basic Books, 70. Address: Dept. of Sociology, University of Victoria, Victoria, B.C., Can.
- BALL, DR. ESPY D. b. Atlanta, Ga., Nov. 16, 36; m. 61; c. 2. PSYCHOLOGY. A.B. Emory, 62; M.S. Pa. State, 65, Ph.D.(psychol.), 67. Intern. clin. psychol., dept. psychiat., North Carolina, 66-67, ASST. PROF. PSYCHOL., SOUTH FLORIDA, 67- Consult., clin. psychologist, Mehl. Health Center, Polk County, Bartow, Fla., 67- U.S.N., 55-59. Psychol. Asn. Personality types; factors underlying nurturant behavior. Address: Dept. of Psychology, University of South Florida, Tampa, Fla. 33620.
- BALL, DR. THOMAS STRAND. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Res. specialist, Pac. State Hosp., 70- Address: 622 Albion Place, Pomona, Calif. 91766.
- BALLA, DR. DAVID ANDREW, b. Pittsburgh, Pa., July 4, 39; m. 64; c. 1. DEVELOPMENTAL PSYCHOLOGY. B.A., DePaul, 61; U.S. Pub. Health Serv. fel., Yale, 61-63, M.S. 65, Ph.D.(psychol.), 66. Asst. prof. pediat. & chief psychologist children's rehab. unit, med. sch., Kansas, 66-67; RES. STAFF PSYCHOLOGIST, YALE, 67- CHILD STUDY CENTER, 68- Lectr., Kansas, 66-67. Consult., U.S. Vet. Admin., 67- Motivational determinants of performance of retarded children. Address: Dept. of Psychology, Yale University, 333 Cedar St., New Haven, Conn. 06520.
- BALLER, PROF. WARREN R(OBERT). Educational Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. psychol., 68- U.S. International University, Elliott Campus, 8555 Pomerado Rd., San Diego, Calif. 92124.
- BALLESTEROS, DR. PAULINO A. International Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also chmn., 70-, Dept. of Economics, Albright College, Box 1, Reading, Pa. 19604.
- BALLIF, DR. BONNIE LAURIS. Educational Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 68- Graduate School, Fordham University, Lincoln Center, New York, N.Y. 10023.
- BALLIN, DR. MARIAN R(UTH). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Private counseling practice, 69- Address: Route 1, Box 2205, Applegate, Calif. 95703.
- BALMUTH, PROF. JEROME. Philosophy, Religion. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- BALSWICK, DR. JACK ORVILLE, b. Turlock, Calif., May 15, 38; m. 62; c. 2. SOCIOLOGY. B.A., Chico State Coll., 60; M.A., Iowa, 62, W.E.W. fel. & Ph.D. (sociol.), 67; Trinity Evangel. Divinity Sch.(Ill.), 67-68. ASST. PROF. SOCIOLOG., Wis. State, Oshkosh, 64-67; Trinity Coll. (Ill.), 67-68; GEORGIA, 69- Sociol. Asn.; Nat. Comm. Family Rel.; Soc. Sci. Study Relig.; Am. Sci. Affiliation. Sociology of the family, especially premarital sexual attitudes and behavior and spouse relationships; sociology of religion, particularly religious subcultures and ministerial beliefs and relationships. Publ.: Are American Jewish families closely knit, J. Jewish Soc. Studies, 66; co-auth., Role definition in the unarranged date, 69 & auth., Spouse support and employment success, 5/70, J. Marriage & Family. Address: Dept. of Sociology, University of Georgia, Athens, Ga. 30601.
- BALTZ, DR. HOWARD BURL. Applied Statistics, Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New publ.: Fundamentals of business analysis, 70 & Study guide for fundamentals of business analysis, 70, Prentice Hall. Address: School of Business Administration, University of Missouri at St. Louis, St. Louis, Mo. 63121.
- BALYEAT, PROF. RALPH EVERETT, b. Jasper, Mich., June 26, 06; m. 60; c. 2. INDUSTRIAL PSYCHOLOGY. B.S. Ohio State, 28; M.A., Toledo, 32; P.E., Purdue, 50; Ph.D.(indust. rels. & psychol.), Minnesota, 59. Engr. Asn. Tel. & Tel. Co., Okla., 28-34; asst. m. Goodyear P.C., 35-36; inst. high sch., 36-42; dir. coop. training, Evansville Coll., 45-48; mem. faculty, Purdue, 48-55; res. fel., Minnesota, 55-56; mem. faculty, Wichita State, 56-57; PROF. MGT., GEORGIA, 59- DR. EMPLOYEE RELS. INST., 62- Int. Bus. Mach. fel. quant. methods in bus., 64; Ford Found. fel. res. in ed. & Carnegie Found. fel. promotional practices in univ., 65; Health, Ed. & Welfare res. grants, 65-68. U.S.N.R., 42-45. Indust. Rel. Res. Asn. Research, service and instructional projects dealing with all phases of employer-employee relationships; policies and practices in business, industry and education. Publ.: The development of an audit tool and technique for measuring communications effectiveness in a firm, Acad. Mgt., 62, Institutional practice concerning quality status and rewards, Current Issues in Higher Ed., 66, The case for direct incentives, Indust. Engng. J., 12/69. Address: University of Georgia, 226 White Avenue Bldg., Athens, Ga. 30601.
- BANDEEN, DR. R(OBERT) A(NGUS). Econometrics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: V-pres. corp. planning & finance, 68-, Canadian National Railways, P.O. Box 8100, Montreal 101, Que., Can.
- BANET, DR. ANTHONY GEORGE, JR., b. New Albany, Ind., Aug. 11, 37; m. 63; c. 4. CLINICAL PSYCHOLOGY. A.B., Bellarmine Coll., 59; M.A., Indiana, 62; Ph.D.(psychol.), Catholic Univ., 65. ASST. PROF. PSYCHIAT., SCH. MED., MDLINA, 68- Univ. fel. child psychol., sch. med., Indiana, 66-68; chief psych-odiagn., Marion County Community Health Cent., 69- Psychol. Asn.; Orthopsychiat. Asn. Group processes; family and individual psychotherapy. Address: Dept. of Psychiatry, School of Medicine, Indiana University, Indianapolis, Ind. 46207.
- BANKS, DR. FRANKLIN R., b. Sanford, Fla., Nov. 20, 34; m. 62; c. 2. SOCIOLOGY. B.A., Rollins Coll., 56; M.A., Ohio State, 59, voc. rehab. admin. fel., 63-64, Nat. Insts. Health fel., 64-66, Ph.D.(sociol.), 68. Res. assoc. Ohio Dept. Health, 59-63; instr. PREV. MED., OHIO STATE, 66-68. ASST. PROF., 68- Consult., Franklin County Child Health Study, 67-68. Sociol. Asn.; Soc. Study Soc. Prob. Social factors in the etiology and ecology of disease; social components in health behavior; social organization of health care. Address: Dept. of Preventive Medicine, Ohio State University College of Medicine, Columbus, Ohio 43210.
- BANKS, DR. MICHAEL EDWARD, b. Wallace, Idaho, July 13, 38; m. 62; c. 1. PSYCHOLOGY, SPECIAL EDUCATION. B.S., Okla. State, 62; M.S., New Mexico High Sch., 64; Ph.D.(educ. psychol.), Kansas, 68. Res. psychologist, Franklin Pierce Sch. Dist., Tacoma, Wash., 68-69; ASST. PROF. PSYCHOL. & SPEC. ED., EAST TEXAS STATE, 69- Teaching procedures; educational media; contingency management; human and animal learning; apparatus design. Publ.: Co-auth., Paired-associate verbal learning by preschool children, Psychol. Reports, 66; auth., Technical note: a multichannel event recorder, J. Exp. Anal. Behav., 67. Address: Dept. of Special Education, East Texas State University, Commerce, Tex. 75428.
- BANKS, DR. WALTER R., b. Paulsboro, N.J., June 18, 36; m. 69. SOCIOLOGY, ANTHROPOLOGY. B.A., Rutgers, 57; M.A., Mich. State, 59, Ph.D.(sociol., anthropol.), sci., Lansing Community Coll., 62-63; asst. prof. SOCIOLOG. & ANTHROPO., Oregon State, 63-65; Toledo, 65-70; ASSOC. PROF., FISK, 70- Sociol. Asn.; Soc. Sci. Study Relig. Collective behavior; sociology of religion. Publ.: Black power and church power: two impossible revolutions, J. Sci. Study Relig., (in press). Address: Dept. of Sociology & Anthropology, Fisk University, Nashville, Tenn. 37203.
- BANKS, DR. WILLIAM PREAS, b. May 6, 42; U.S. citizen; m. 69. EXPERIMENTAL PSYCHOLOGY. B.A., St. John's Col.(Md), 64; U.S. Pub. Health Serv. traineeship, Hopkins, 64-67, M.A., 66, Nat. Inst. Ment. Health fel., 67-68, Ph.D.(psychol.), 68. U.S. Pub. Health Serv. scholar, exp. psychol., Inst. Human Learning, California, Berkeley, 68-69; ASST. PROF. PSYCHOL., POMONA COL., 68- Measurement and analysis of human learning processes in terms of signal detectability theory; psycholinguistic study of memory; psychophysical scaling of temperature sensitivity; subjective response scales in psychophysical scaling. Publ.: Temperature sensitivity: one subjective continuum or two?, Perception & Psychophys., 6: 189-192; Criterion change and response competition in unlearning, J. Exp. Psychol., 82: 216-223; Signal detection theory and human memory, Psychol. Bull., 6/70. Address: Dept. of Psychology, Pomona College, Claremont, Calif. 91711.
- BANUAZIZI, DR. ALI, b. Tehran, Iran, May 22, 42; m. 67. PSYCHOLOGY. B.S., Michigan, 63; M.A., New Sch. Soc. Res., 65; Ph.D.(psychol.), Yale, 68. ASST. PROF. PSYCHOL., Conn. Coll., 68-69; SOUTHERN CALIFORNIA, 69-; ASST. CLIN. PROF. PSYCHIAT., YALE, 69- Psychol. Asn.; Soc. Psychol. Study Social Issues; Acad. Polit. & Soc. Sci. Community psychology; social change; personality; social structure. Address: Dept. of Psychology, University of Southern California, Los Angeles, Calif. 90007.
- BAR-ADON, PROF. AARON. Hebrew & Semitic Linguistics & Literature. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang., Ling. & Philol.
- BARANOFF, DR. SEYMOUR, b. Brooklyn, N.Y., June 30, 21; m. 43; c. 2. MARKETING. B.A., Brooklyn Coll., 42; M.S., N.Y. Univ., 48, Ph.D.(bus.), 55. Head overstock div., Decca Records, Inc., 46-49; instr. mkt. Vermont, 48-50; mgr. phonographs & accessories div., Decca Records, Inc., 50-53; PROF. MKT., PACE COLL., 55- Mkt. Res. & consulting, Sperry & Hutchinson, Chicopee Mills, Mkt. Sci. Inst., Exec. Res. Conf., N.Y. Cent. R.R. City of Poughkeepsie, and others, 48- U.S.A.A.F., 43-46, 1st Lt. Mkt. Asn. Derivation of theory in marketing and in retailing; history of science in marketing. Publ.: Marketing, In: Encyclopedia of management, Reinhold, 83; Retailing as an operating system, In: Theory in marketing, Irwin, 64; co-auth., Selecting channels of distribution for services, In: Handbook of modern marketing, McGraw, 70. Address: Dept. of Marketing, Pace College, 41 Park Row, New York, N.Y. 10038.
- BARATZ, PROF. MORTON S(ACHS). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. & chmn., 69-, Dept. of Economics, Boston University, Boston, Mass. 02215.
- BARATZ, PROF. RUBIN Z. Economics, Industrial Engineering. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Consult., UN, 69- Address: 4601 Henry Hudson Pkwy., New York, N.Y. 10471.
- BARBER, PROF. HOLLY W(WILLIAM). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: No longer head, Dept. of Political Science, University of Illinois at Chicago Circle, Chicago, Ill. 60680.

- BARBER, COMDR. JAMES ALDEN, JR. U.S.N. b. Poplar Bluff, Mo. May 8, 34; m. 55; c. 3. POLITICAL SCIENCE, INTERNATIONAL POLITICS. B.A. Southern California, 55; M.A. Vanderbilt, 60; M.A. Stanford, 64, Ph.D. (pol. sci.), 65. U.S. NAVY, 55-; asst. prof. naval sci., Vanderbilt, 58-60, ops. officer, U.S.S. Lowry, 60-62, exec. officer, U.S.S. Tucker, 65-66, commanding officer, U.S.S. Hissem, 66-68; PLANS OFFICER & INSTR. NAVAL STRATEGY, NAVAL WAR COL, 68. Polit. Sci. Asn. Strategic studies; naval strategy; arms. control. Publ: Social mobility and voting behavior, Rand McNally, 70; Britain and France: the officer corps and civil-military relations, 12/69 & The objectives of arms control, 2/70, Naval War Col. Rev. Address: Naval War College, Newport, R.I. 02840.
- BARBER, DR. LLOYD I. Business Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: V-pres, 68-, University of Saskatchewan, Saskatoon, Sask, Can.
- BARCLAY, DR. ANDREW M. b. New York, N.Y. July 5, 41; m. 64; c. 2. SOCIAL PSYCHOLOGY. A.B. Yale, 63; M.A. Columbia, 64; Ph.D. (social psychol), Minnesota, 67. Res. asst, Minnesota, 65-67; ASST. PROF. PSYCHOL, MICH. STATE, 67. Soc. Psychol. Study Social Issues; Soc. Proj. Tech. & Personality Assessment; Psychol. Asn. Physiological and psychological components of human sexual and aggressive motivation; assessment of human motives. Publ: Co-ed, Sexuality: a search for perspective, Van Nostrand-Reinhold, 70; The effect of hostility on physiological and fantasy responses, J. Personality, 12, 69; The effect of female aggressiveness on aggressive and sexual fantasies, J. Projective Tech., 2/70. Address: Dept. of Psychology, College of Human Medicine, Michigan State University, East Lansing, Mich. 48823.
- BARCLAY, PROF. JAMES RALPH. Educational & Counseling Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. ed. psychol. & counseling & chmn. dept, 69-, University of Kentucky, Dickey Hall, Lexington, Ky. 40506.
- BARCUS, DR. FRANCIS EARLE, b. Rossville, Ill. Feb. 1, 27; m. 48; c. 3. COMMUNICATIONS. A.B. Illinois, 52; M.A. 55, Ph.D. (commun), 59. ASSOC. PROF. COMMUN. RES, BOSTON, 59-. Consult. to various govt, religious & indust. orgn, 59-69. U.S.A. 45-48, S/Sgt. Asn. Pub. Opinion Res; Asn. Ed. in Journalism. Critical analysis of content and effects of mass communication in current society. Publ: Alumni administration, Am. Alumni Coun, 68; co-auth. Role distance in Negro and majority fiction, Journalism Quart, winter 66; auth. Parental influence on children's television viewing, TV Quart, summer 69. Address: Dept. of Communications Research, Boston University, 640 Commonwealth Ave, Boston, Mass. 02215.
- BARD, DR. ISAIAS S. Communications, Group Dynamics. See 5th ed, Dir. Am. Scholars, Vol. II, Eng, Speech & Drama.
- BARDWICK, DR. JUDITH MARCIA, b. New York, N.Y. Jan. 16, 33; m. 53; c. 3. PSYCHOLOGY. B.S. Purdue, 54; M.S. Cornell, 55; Ph.D. (psychol), Michigan, 64. Lectr. PSYCHOL, MICHIGAN, 65-67; ASST. PROF., 67-69. Ford Found. pos. res. grant, 67-69. Psychol. Asn. Psychosom. Soc. Psychology of women; psychosomatics in women; psychodynamics of contraception and pregnancy. Publ: Psychology of women, Harper, 70; co-auth. Feminine personality and conflict, Brooks/Cole, 70. Address: Dept. of Psychology, University of Michigan, 529 Thompson, Ann Arbor, Mich. 48104.
- BARG, DR. BENJAMIN. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 16 Huguenot Dr, Larchmont, N.Y. 10538.
- BARKMAN, PROF. FRANCIS ELWOOD. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- BARLEY, DR. DELBERT. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Evangelisches Seminar für Wohlfahrtspflege und Gemeindedienst, 78 Freiburg, Goethestr 2, Germany.
- BARLOW, DR. DAVID (HARRISON), b. Needham, Mass. Apr. 30, 42; m. 66. PSYCHOLOGY. A.B. Notre Dame, 64; M.A. Boston Col, 66; Ph.D. (exp. psychol), Vermont, 69. Dir. clin. training, dept. rehab. & phys. med, Vermont, 68-69; ASST. PROF. PSYCHIAT. & DIR. PSYCHOL. TRAINING PROG. MED. CENTER, MISSISSIPPI, 69-. Consult. VI. Div. Spec. Ed, 67-68; Vet. Admin. Hosp, Jackson, 69-. AAAS; Psychol. Asn. Asn. Adv. Behav. Ther. Experimental analysis of behavior therapy techniques as applied to neurotic disorders and sexual deviation. Publ: Co-auth. The transfer gap in systematic desensitization: an analogue study, J. 191-197 & An experimental analysis of the effectiveness of shaping in reducing maladaptive avoidance behavior: an analogue study, (in press), Behav. Res. & Ther; Social reinforcement in the modification of agoraphobia, Arch. Gen. Psychiat., 19: 423-437. Address: Dept. of Psychiatry, University of Mississippi Medical Center, Jackson, Miss. 39216.
- BARLOW, DR. ROBERT (FRANCIS). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. econ. & admin, 70-, Whittemore School of Business & Economics, University of New Hampshire, Durham, N.H. 03824.
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- BARRETT-LENNARD, PROF. G (ODFREY) T. b. Northam, Australia, Apr. 6, 26; m. 48; c. 5. PSYCHOLOGY. B.Sc. Western Australia, 47, B.A. 50; Ph.D. (psychol), Chicago, 59. Asst. prof. psychol, Auburn, 59-61; lectr. Univ. New England, Australia, 61-63; sr. lectr. 64-65; vis. assoc. prof. rehab. inst. Southern Illinois, 65-66; PROF. PSYCHOL, WATERLOO, 66-, acting chmn. dept. 67-68. Nat. Inst. Ment. Health res. grant, 60; faculty res. awards, Univ. New England, Australia, 62-65; summer faculty res. fel. Waterloo, 67. Part-time & consult. work, Student Counseling Serv, Waterloo, 66-; psychol. consult, Hamilton Psychiat. Hosp, Ont, 68-. Am. Psychol. Asn. Am. Acad. Psychother. Brit. Psychol. Soc; Int. Asn. Appl. Psychol. Psychotherapy; small-group processes; person perception and facilitative interpersonal processes; dynamics of human communication. Publ: Dimensions of therapist response as causal factors in therapeutic change, Psychol. Monogr, Vol. 76, No. 43; Professional psychology and the control of human behavior, Australian J. Psychol., J. 24-34; Experimental learning in small groups: the basic encounter process, Proc. Can. Asn. Univ. Student Personnel Serv, 11/67. Address: Dept. of Psychology, University of Waterloo, Waterloo, Ont, Can.
- BARRIER, PROF. MARGARET ANN, b. High Point, N.C. Aug. 9, 29. SOCIOLOGY. B.A. Mary Baldwin Col, 50; M.A. North Carolina, Chapel Hill, 52; Columbia, 55-56. Instr. SOCIOLOG, Salem Col, 52-55; asst. prof. WEST. COL, 55-59, ASSOC. PROF. & CHMN. DEPT, 59-. Vis. scholar, California, Berkeley, 64-65. Sociol. Asn. Sociological theory; history of social thought; population problems; cultural anthropology. Address: 8 Oakhill Dr, Oxford, Ohio 45056.
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- Lake City, Utah, 54-57; admin. asst. to pres. Col. South. Utah, 57-67; AS-SOC. PROF. COMMUN. BRIGHAM YOUNG, 67- U.S.N. 43-46, Lt.(jg). Ad-vertising copywriting—broadcast and print; community journalism. Publ: Survey of U.S. press associations lists services of varying complexities, Iowa Publisher 11/65 & Mo. Press News, 2/66; Utah's busiest weekly and central plant operation, Publisher's Auxiliary, 2/67. Address: Dept. of Communications, Brigham Young University, Provo, Utah 84601.
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- BARSS, DR. LAWRENCE W (HITCOMB). Economic Development & History. See A-K Vol, 11th ed., Soc. & Behav. Vols. Change of address: Barss, Reitzel & Associates, Inc., 133 Mt. Auburn St., Cambridge, Mass. 02138.
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- BATY, DR. ROGER M. b. Helena, Mont, Oct. 2, 37; m. 65; c. 3. COMMUNICATIONS, ECONOMICS. B.A. Montana State, 58, Woodrow Wilson fel. & Danforth fel, 58-60, Rhodes scholar, 58-61; Nat. Defense Ed. Act fel, Stanford, 67-69, Ph.D., Teacher pub. schs, Mont, 63-64; leader, Exp. Int. Living, France, summer 64, field dir. overseas study progs, 64-66; DIR. INTERCULT. DIMENSION, JOHNSTON COL, REDLANDS, 69-, consult, 68-69. Summer, Instr, Montana State, 64, 65. U.S.A.R., 63-69. Training of teachers for work with children of culturally different backgrounds and for cross-cultural service. Publ: The effect of cross-cultural training on selected attitudes of elementary school teacher volunteers: a field experiment, Stanford Int. Develop. Ed. Center, 70; Las órdenes mendicantes y la a cultura religiosa a principios del México colonial, América Indígena, 68. Address: Intercultural Dimension, Johnston College, University of the Redlands, Redlands, Calif. 92373.
- BATZAR, DR. EUGENE M. Audiology, Speech Pathology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- BAUER, PROF. EDWIN THEODORE, b. West Chester, Iowa, Mar. 29, 07; m. 28; c. 2. SOCIOLOGY, FAMILY RELATIONS. A.B. Iowa Wesleyan Col, 29; B.D. Garrett Theol. Sem, 33; M.A. Drake, 35; Ph.D.(sociol), Iowa, 49. Prof. sociol, Iowa Wesleyan Col, 47-49; Morningside Col, 49-55, 56-62 & 63-64; assoc. prof. sociol. of relig, Illiis Sch. Theol, 55-56; PROF. SOCIOL, California Western, 62-63 & 64-66; Lambuth Col, 67-68; Prof. Col, 68-70; BUENA VISTA COL, 70. U.S.N., 37-45. LA. Comdr. Sociol. Asn; Nat. Coun. Family Relat; Asn. Marriage Couns. Marriage and the family; criminology; social problems. Publ: Basic conditions of effective living, summer 54 & A sociologist views marriage, winter 62-63, Quart. Am. Interprnl. Inst. Address: P.O. Box 6611, Storm Lake, Iowa 50588.
- BAUER, DR. ELLEN R(ÖSEN), b. Chicago, Ill, Jan. 28, 41; m. 68. PHYSIOLOGICAL PSYCHOLOGY. B.A., Carleton Col, 62; M.A., 65, Ph.D. (exp. psychol), 68. ASST. PROF. PSYCHOL, COL. WILLIAM & MARY, 67-AAAS, N.Y. Acad. Sci; Psychol. Asn. Food regulation; central control of intake and role of environmental stimuli in control of intake. Address: Dept. of Psychology, College of William & Mary, Williamsburg, Va. 23185.
- BAUER, DR. HERBERT J(OSEPH). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Sr. res. psychologist, 67-, Transportation Research Dept, General Motors Research Labs, Warren, Mich. 48090.
- BAUER, DR. J. H. Physiological & Comparative Psychology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- BAUER, PROF. ROYAL D(ANIEL) M(MICHAEL). Accounting. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 3848 Duncan Place, Palo Alto, Calif. 94306.
- BAUM, DR. BERNARD (HELMUT). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, 69-, College of Business Administration, University of Illinois at Chicago Circle, Box 4348, Chicago, Ill. 60680.
- BAUM, DR. EMANUEL LESTER. Agricultural Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: V-pres, Acres Ltd, Can, 69-, v-pres, Acres Am. Inc, N.Y., 69- Address: 99 Ravensbourne Crescent, Islington, Ont, Can.
- BAUM, DR. O(SCAR) EUGENE. Psychoanalysis, Psychiatry. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 106 Parkway House, 2201 Pennsylvania Ave, Philadelphia, Pa. 19130.
- BAUM, DR. WARREN C(HARLES). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. dir. proj. dept, Int. Bank Reconstruct. & Develop, 69- Address: 7011 Arandale Rd, Bethesda, Md. 20814.
- BAUMBACH, PROF. BERNARD C(LARE). Sociology, Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 628 E. Elm St, Seguin, Tex. 78155.
- BAUMBACK, PROF. CLIFFORD MASON, b. Dover, N.J., Jan. 10, 15; m. 45; c. 3. INDUSTRIAL MANAGEMENT. B.S. Springfield Col, 38; M.B.A. Northwestern, 45; Ph.D.(bus. econ), Iowa, 53. Asst. prof. bus. mgt, Oklahoma, 45-51, assoc. prof, 51-55; res. assoc. bus. & econ, IOWA, 55-62, res. assoc. prof, 62-63, assoc. prof, MGT, 63-68, PROF, 68- Summers, vis. asst. prof, Miami (Ohio), 48 & 49, vis. prof, Roosevelt, 69, Northern Illinois, 70-71. Nat. merit awards, Am. Prod. & Inventory Control Soc, 61 & 65. Nat. Coun. Small Bus. Mgt. Develop. fed. J. Small Bus. Mgt, 62-68; Acad. Mgt. Management systems; small business growth and survival; wage and salary administration. Publ: Co-auth, How to organize and operate a small business, Prentice-Hall, 4th ed, 68; contrib, Encyclopedia of management, Reinhold, 63 & Production and inventory control handbook, McGraw-Hill & Am. Prod. & Inventory Control Soc, 70. Address: Dept. of Business Administration, University of Iowa, Iowa City, Iowa 52240.
- BAUMGARTEL, PROF. HOWARD J. Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also acting chmn. dept. psychol, Kansas, 69- Address: 1415 W. 21st Terr, Lawrence, Kans. 66044.
- BAUMGARTNER, DR. HELMUT (WALTER). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 109 West St, Oneonta, N.Y. 13820.
- BAUMHART, RAYMOND C. S.J. b. Chicago, Ill, Dec. 22, 23. MANAGEMENT, BUSINESS ETHICS. B.S. Northwestern, 45; B.A., Loyola (Ill), 50; M.B.A. Harvard, 53, D.B.A. 63. Faculty mem, St. Xavier High Sch, Cincinnati, Ohio, 53-54; vis. lectr, sch. bus. admin, Boston Col, 61-62; faculty mem, sch. bus. admin, Loyola (Ill), 62-64, dean, 64-66; res. assoc, Cambridge Center Soc. Studies, 66-68; EXEC. V-PRES, LOYOLA (ILL), 68- Consult, Nat. Conf. Christian Employers & Mgrs, 63- Cor. ed. American Mag, 65- Trustee, St. Louis Univ. 67- Mem. bd. dirs, Chicago Bus. Indnat. Progs, 65-66. U.S.N., 42-46, Lt. (jg). Acad. Mgt. Research on business ethics and social responsibilities of businessmen. Publ: An honest profit, Holt, 68; co-auth, Cases in business ethics, Appleton, 68. Address: Loyola University, 6525 N. Sheridan Rd, Chicago, Ill. 60626.
- BAUMRIN, DR. BERNARD HERBERT. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- BAUR, PROF. E(DWARD) JACKSON. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn, 69-, Dept. of Sociology, University of Kansas, Lawrence, Kans. 66044.
- BAWA, DR. UJAGAR S. b. Gujranwala, W. Pakistan, Dec. 15, 27; m. 55; c. 3. ECONOMICS, STATISTICS. Dipl. Inst. Agr. Res. Statist, India, 52; M.A. Punjab, India, 53; A.M., Pennsylvania, 62; Ph.D.(int. develop, econ, statist), Cornell, 68. Sr. res. officer, Planning Cmn, India, 53-65; res. assoc. int. develop, Cornell, 68; asst. prof. econ. & bus. admin, Wilkes Col, 68-69; ASSOC. PROF. LECTR. QUANT ECON, HOWARD, 69- Econ. Asn. Inter-sectorial relationships between agriculture and industry through the use of quantitative methods. Publ: Co-auth, Economic analysis in input-output framework, Gokhale Inst. India, 67; auth, Relationship between agricultural production and industrial capital formation, Cornell Univ, 68. Address: Dept. of Economics, Howard University, Washington, D.C. 20001.
- BAXTER, PROF. WILLIAM F. Law, Economics. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- BAYER, DR. ALAN E. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Res. sociologist, 68-, Office of Research, American Council on Education, 1 Dupont Circle, Washington, D.C. 20036.
- BAYLESS, DR. DAVID LEE, b. Alliance, Ohio, June 12, 38; m. 63; c. 3. STATISTICS, MATHEMATICS. A.B., Muskingum Col, 60; M.S. Fla. State, 63; Ph.D. (statist), Texas A&M, 68, Asst. Fla. State, 61-63; assoc. mem. staff, Bell Tel. Labs, N.J. 63-64; consult, Gen. Food Tech. Center, N.Y., 64-65; fel, Texas A&M, 65-68; ADJ. ASST. PROF. STATIST, N.C. STATE, 68- Statistician, Res. Triangle Inst, N.C., 68-; asst. to dir. res. Nat. Assessment of Ed. Proj,



70. Statist. Assn. Industrial applications of statistics and computers specializing in sampling, regression model building, and developing large computer programs. Publ: Co-auth, An empirical study of the stabilities of estimators and variance estimators in P.P.S. sampling, J. Am. Stat. Assn, 64: 540-559. Address: Statistical Research Division, Research Triangle Institute, Research Triangle Park, N.C. 27709.
- BAYLEY, DR. DAVID H. b. New York, N.Y. Mar. 26, 33; m. 57; c. 2. POLITICAL SCIENCE. B.A. Denison, 55; M.A. Oxford, 57; Ph.D.(pol. sci.), Princeton, 61. Asst. prof. polit. sci., Wisconsin-Milwaukee, 60-61; DT. RFLS, DENVER, 61-65, ASSOC. PROF, 65- Sr. res. fel, Am. Inst. Indian Studies, 63-64. Staff consultant, Nat. Cmn. on Causes & Prev. of Violence, 68. Polit. Sci. Assn; Assn. Asian Studies. Politics of developing areas; modern India; social unrest in modern India; the role of the police in developing nations and among American minority groups. Publ: Public liberties in the new states, Rand McNally, 64; co-auth, Minorities and the police, Free Press, 69; auth, The police and political development in India, Princeton Univ. 69. Address: Graduate School of International Studies, University of Denver, Denver, Colo. 80201.
- BEACH, PROF. DALE STUART, b. Buffalo, N.Y. Aug. 7, 23; m. 50; c. 2. ORGANIZATIONAL BEHAVIOR, INDUSTRIAL RELATIONS. B.S. Cornell, 48; M.S. 52. Indust. engr, Westinghouse Elec. Corp, 48-49; Trico Prod. Corp, 49-50; instr. indust. eng. Cornell, 50-52; asst. prof, Lehigh, 52-54; ORGN. BEHAV. INDUST. RELS. & PERSONNEL MGT, RENNSLAER POLYTECH, 54-63, assoc. prof, 63-68, PROF, 68- Consult, Air Prod. & Chem. Inc. 53; New York Tel. Co, 56-62; W. Va. Pulp & Paper Co, 63; Star Textile & Res. Inc, 63-; N.Y. State Dept. Transportation, 68. Mem. labor arbit. tribunal, Am. Arbit. Assn; mediation & fact-finding panel, Pub. Employ. Rel. Bd. N.Y.; co-chmn. cmt. orgn. terminology, Am. Nat. Standards Inst, 66-69. Spec. engr. detachment, Oak Ridge, Tenn, U.S.A. 43-46. Indust. Rel. Res. Assn; Soc. Adv. Mgt. Personnel management; management of human resources; organization theory; general administration; management philosophy. Publ: Personnel: the management of people at work, 65, 2nd ed. 70 & ed. auth, Managing people at work: readings in personnel, 71, Macmillan. Address: School of Management, Rensselaer Polytechnic Institute, Troy, N.Y. 12181.
- BEADLES, PROF. WILLIAM (THOMAS). Economics. See A-K Vol, 11th ed. Soc. & Behav. Vols. New information: Nat. ins. ed. adv. State Farm Ins. Co, 68-; sr. ed. consult, Am. Col. Life Underwriters, 68. Address: 112 E. Washington St., Bloomington, IL 61701.
- BEALS, DR. RALPH EVERETT, b. Lexington, Ky, Oct. 30, 36; m. 60; c. 2. ECONOMICS. B.S. Cornell, 58; M.A. Northwestern, 59; Ph.D.(econ), Mass. Inst. Tech, 70. Asst. prof, Econ, Amherst Col, 62-63; Northwestern, 63-66; ASSOC. PROF, AMHERST COL, 66- Econ. Assn; Economet. Soc; Statist. Assn. Econometrics; decision making under uncertainty. Publ: Co-auth, Rationality and migration in Ghana, Rev. Econ. & Statist, 11/67 & Migrant labor and agricultural output in Ghana, Oxford Econ. Papers, 3/70. Address: Dept. of Economics, Amherst College, Amherst, Mass. 01002.
- BEAM, DR. JEROME C(HRISTOPHER). Psychology. See A-K Vol, 11th ed. Soc. & Behav. Vols. New information: Chmn. bd, Behav. Sci. Tech, Inc, 69- Address: Dairy Rd, Greenwich, Conn. 06830.
- BEAN, DR. LEE LAWRENCE. Sociology, Demography. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position & address: Assoc. dir. demog. div, 69-, Population Council, 245 Park Ave, New York, N.Y. 10017.
- BEAN, MAURICE DARROW, b. Gary, Ind, Sept. 9, 28; m. 51; c. 2. POLITICAL SCIENCE, FOREIGN AFFAIRS. B.A. Howard, 50; M.A. Haverford Col, 54; Georgetown, 50-51; Hopkins, 51. Statist. clerk demog, U.S. Bur. Census, 50-51; for. affairs, U.S. Int. Coop. Admin, 51-53, asst. prog. officer for assistance, 59-61; ops. officer for. affairs, U.S. Peace Corps, 61-62, regional prof. officer, 62-63, dep. regional dir, 63-64, country rep, 64-66; COUNTRY DIR. FOR. AFFAIRS, U.S. DEPT. STATE, 66- Southeast Asian studies; federal government administration. Address: 5261 Nebraska Ave. N.W., Washington, D.C. 20015.
- BEARD, PROF. BELLE BOONE. Sociology. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position & address: Res. prof, 68-, Research Center, Lynchburg College, Lynchburg, Va. 24504.
- BEARDEN, GARY DEE. Plant Breeding, Statistics. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position: Pres, Financial Sys. Corp, Wash, D.C. 69- Address: 2706 Bartlett Lane, Bowie, Md. 20715.
- BEARDEN, PROF. JAMES HUDSON. Marketing, Economics. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position: Dean, 68-, School of Business, East Carolina University, Greenville, N.C. 27834.
- BEASLEY, DEAN KENNETH E(PHILIP). Political Science, Public Administration. See A-K Vol, 11th ed. Soc. & Behav. Vols. New information: Also dean, 69-, Graduate School, University of Texas at El Paso, El Paso, Tex. 79969.
- BEATON, DR. (CHARLES) RUSSELL, b. Los Angeles, Calif. Aug. 15, 38; m. 61; c. 3. ECONOMICS. B.A., Willamette, 60; M.A., Claremont Grad. Sch. 67, Ph.D.(econ) 68. Legis. res. analyst, revenue & taxation cmt., Calif. State Senate, 63-64; ASST. PROF. quant. methods & econ. Calif. State Col. Fullerton, 64-67; ECON. & COMMERCE, SIMON FRASER UNIV, 67- Can. Coun. grant, 69-70. Nat. Guard, 56-63. Am. Econ. Assn; Can. Econ. Assn. Location theory; public finance; econometrics; urban economics; use of econometric techniques in regional economics. Publ: Co-auth, Taxes on business income, Calif. State Senate, 3/65 & The effect of the property tax on manufacturing location, Calif. Div. Real Estate, Calif. State Col. Fullerton, 68. Address: Dept. of Economics, Simon Fraser University, Burnaby 2, B.C., Can.
- BEATON, DR. NORMAN JAMES, b. P.E.I., June 17, 39. AGRICULTURAL ECONOMICS, ECONOMICS. B.S. McGill, 62; M.S. N.Dak. State, 65; Ph.D. (econ), Kansas State, 68. ASST. PROF. AGR. ECON, MANTOBA, 68- Am.
- Agr. Econ. Assn; Am. Econ. Assn; Can. Agr. Econ. Soc. Marketing and agribusiness. Publ: Basic facts in estate planning, Man. Co-operator, 3/69 & Review of Manitoba to 1980: report of the Commission on Targets for Economic Development, Can. J. Agr. Econ, 7/69. Address: Dept. of Agricultural Economics, University of Manitoba, Winnipeg 19, Man, Can.
- BEATTY, PROF. BILLIE CAMP, b. Memphis, Tenn, July 20, 21; m. 61; c. 6. CLINICAL & COUNSELING PSYCHOLOGY. B.S. Memphis State, 43; Ph.D. Neuropsychiat. Inst, 46; M.A. San Francisco State Col, 56; Ph.D.(counseling psychol) California, Berkeley, 64. Res. chemist, Southwestern, 43-44; res. assoc. psychiat, med. sch. Tennessee, 45-47, pediat. & child guid, 48-52; dir. clin. electroencephalog. lab, Gotten-Hawkes Clin, 52; instr. counseling & psychol, SAN FRANCISCO STATE COL, 58-60, asst. prof, 60-64, assoc. prof, COUNSELING, 64-69, PROF, 69- Intern. psychother. with Dr. Nicholas Cummings, 69; co-founder, Calif. Sch. Prin. Intern. Psychol, 70. Consult. Bur. Indian Affairs, U.S. Dept. Interior, 67; Calif. Dept. Employ, 67-68. Asn. Supv. & Curriculum Develop; Psychol. Assn. Prem. sexual tension; patient-therapist identifications; electroencephalography of the newborn and premature newborn; childhood acute nephritis; cerebral palsy; sickle cell anemia. Publ: Co-auth, Electroencephalography of the newborn V: brain potentials of babies born of mothers given meprobene hydrochloride (demerol hydrochloride) vinarbital sodium (delvinal sodium) or morphine, Am. J. Disease Child, 6/50; Electroencephalography of the newborn infant: VI studies on premature infants, Pediatrics, 5/51; & Early detection of cerebral injury, J. Pediat, 5/52. Address: 209 Kensington Way, San Francisco, Calif. 94127.
- BEATTY, DR. JACKSON, b. Mt. Pleasant, Mich, Oct. 11, 42; m. 65. PSYCHOLOGY. B.A. Michigan, 44, Ph.D.(psychol), 68. ASST. PROF. PSYCHOL, CALIFORNIA, LOS ANGELES, 68- AAAS. Brain functions and behavior. Publ: Co-auth, Pupil diameter and load on memory, 154: 1583-1595 & co-auth, Perceptual deficit during a mental task, 157: 218-219. Science; auth. Some further studies of grouping elements of a visual stimulus on the cortical evoked potential, Perception & Psychophys, 6: 373-378. Address: Dept. of Psychology, University of California, 405 Hilgard Ave, Los Angeles, Calif. 90024.
- BEAUCHAMP, DR. KENNETH LLOYD, b. Madera, Calif. Apr. 15, 39; m. 61; c. 2. EXPERIMENTAL PSYCHOLOGY. A.B. Whitman Col, 62; Nat. Defense Ed. Act fel, Claremont Grad. Sch, 62, U.S. Pub. Health Serv. fel. & M.A., 65, Ph.D.(psychol), 68. Summer res. scientist, Aeronautics Div, Philco-Ford, 64; instr. PSYCHOL, Calif. State Polytech. Col, Kellogg-Voorhis Campus, 65-66, asst. prof, 66-69; ASSOC. PROF, UNIV. OF THE PACIFIC, 69- AAAS. Curiosity behavior in rodents and children; effects of early experience on later emotional-curiosity behavior in rodents; development of cognitive abilities in young children. Publ: Co-ed, Current topics in experimental psychology, 70 & co-auth, Introduction to experimental psychology, 70, Holt; Stimulus change, previous experience, and extinction, J. Comp. & Physiol. Psychol, 68: 607-610. Address: Dept. of Psychology, University of the Pacific, Stockton, Calif. 95204.
- BEAUDRIE, JOHN COMSTOCK. Information Science, Systems Engineering. See Suppl. V to 11th ed. Phys. & Biol. Vols.
- BEAUMONT, RICHARD A(USTIN). Economics. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position: Pres, Orgn. Resources Counsrs, Inc, 69- Address: P.O. Box 535, Sharon, Conn. 06069.
- BEBOUT, DR. JAMES E(DWARD). Clinical Psychology, Human Development. See A-K Vol, 11th ed. Soc. & Behav. Vols. New information: Dir. talent in interpersonal explor. prof, Nat. Inst. Ment. Health, 69- Address: 2728 Shasta Rd, Berkeley, Calif. 94708.
- BECHT, PROF. J. EDWIN. Marketing, International Business. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position: Prof. geog, Oklahoma, 69- Address: 3938 Warwick Dr, Norman, Okla. 73069.
- BECHTEL, DR. LELAND PETERMAN, b. May 1, 25; U.S. citizen; m. 46; c. 5. PSYCHOLOGY. B.A. East Baptist Col, 46; B.D. East Baptist Theol. Sem, 48; M.A. Temple, 52; Ph.D.(psychol), N.Y. Univ, 63. Instr. PSYCHOL, BATES COL, 57-63, asst. prof, 63-68, ASSOC. PROF, 68- Summers, Nat. Sci. Found. study grant, Inst. Sci. Psychol, 63, Coop. Res. Prog. Off. Ed. U.S. Dept. Health, Ed. & Welfare res. grant, 65, lectr, Univ. New Brunswick, 65. Psychol. consult, Head Start Prog, Androscoggin County Task Force on Soc. Welfare, Inc, 68- Chmn, New Eng. Regional Conf, Danforth Found, 67-68. Psychol. Assn. General-experimental, educational and social psychology. Publ: Test items to accompany readings for educational psychology, Harcourt, 66; co-auth, The effects of a work plan on the resumption of an interrupted task, Proc, 74th Annual Convention, Am. Psychol. Assn, 66. Address: Dept. of Psychology, Bates College, Lewiston, Maine 04240.
- BECHTEL, DR. ROBERT BERNARD, b. Pottstown, Pa, Oct. 19, 32; m. 68; c. 2. SOCIAL PSYCHOLOGY. B.A., Susquehanna, 62; U.S. Pub. Health Serv. trainee, Kansas, 62-65, M.A., 64, U.S. Pub. Health Serv. fel, 65-66, Ph.D. (psychol), 67. Res. assoc. psychol, ENVIRON. RES. FOUND, 64-68, ASSOC. DIR. RES, 68- SR. RES ASSOC. PSYCHOL, GREATER KANSAS CITY MENTAL HEALTH FOUND, 68- Res. assoc. Inst. Community Studies, 66-68; lectr, exten. serv, Univ. Kansas, 67-; Nat. Inst. Ment. Health grant epidemiol. study Kansas City riots, 68-69. Psychol. Assn; Soc. Psychol. Study Social Issues; Anthropol. Assn. Urban social research; architectural psychology; beliefs and attitudes, social change. Publ: Co-auth, East side, west side, and midwest, Nat. Inst. Ment. Health Epidemiol. Field Sta., Kansas City, 70 & Expectations of social acceptance and compatibility as related to status discrepancy and social motives, J. Personality & Soc. Psychol, 3, No. 3, auth, Human movement and architecture, Transaction, 5/67. Address: Greater Kansas City Mental Health Foundation, 600 E. 22nd St, Kansas City, Mo. 64108.
- BECHTOL, DR. BRUCE EMERSON, b. Oroville, Calif, Aug. 30, 38; m. 59; c. 2. GEOGRAPHY. A.B. Chico State Col, 60; M.A. Oklahoma, 65; Ph.D. Int. Studies & Overseas Admin, Univ. Oregon fel, Guatemala, 66; Ph.D.



- (geog.) Oregon, 69. Indust. surv. adv. U.S. Agency Int. Develop. Guatemala, 67-68; ASST. PROF. GEOG. CHICO STATE COL., 68- U.S.M.C. 60-64, Capt. Asst. Am. Geog. Latin Am. Studies Assn. Cultural geography, especially economic geography and field techniques; Latin America as a region. Publ: Notes on the sugar industry of Guatemala, Ore. Geographer, 67; Viruela: la enfermedad y el reto de España, Estudios, Univ. San Carlos, Guatemala, 68; A matter of perception: local considerations of industrialists in Guatemala, Calif. Geographer, 70. Address: Dept. of Geography, Chico State College, Chico, Calif. 95926.
- BECHTOLD, DR. PETER KLAUS. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 68, Dept. of Government & Politics, University of Maryland, College Park, Md. 20742.
- BECK, DR. ARMIN. Urban Sociology, Educational Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. & dir. 69-, Community Labs, University of Illinois at Chicago Circle, Box 4348, Chicago, Ill. 60680.
- BECK, DR. BENJAMIN B. b. Kingstown, N.Y., June 22, 39; m. 63. PSYCHOLOGY. B.S., Union Col. (N.Y.), 62; M.A., Boston, 63; Ph.D. (psychol.), Chicago, 67. Asst. prof. behav. sci., new div., Nasson Col., 67-69; psychol., Grand Valley State Col., 69-70; MEM. STAFF, CHICAGO ZOOLOG. PARK, 70- AAAS; Animal Behav. Soc. Field study of mammalian behavior and ecology; problem solving; perception. Publ: A study of problem solving by Gibbons, Behaviour, 67. Address: Chicago Zoological Park, Brookfield, Ill. 60513.
- BECK, DR. BRENDA E. F. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 69-, Dept. of Anthropology & Sociology, University of British Columbia, Vancouver 8, B.C., Can.
- BECK, DR. ISABEL. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Independent consult, 68-. consult. mem. Instr. Sys. Group, 68-. Address: 855 Victor Ave., Apt. 321, Inglewood, Calif. 90302.
- BECK, DR. ROBERT L.(E). Agricultural Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. mkt., 69-, Dept. of Agricultural Economics, University of Kentucky, Lexington, Ky. 40506.
- BECKER, DR. ABRAHAM S.(AMUEL). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Publ: Soviet national income 1955-1964, Univ. California, 69 (title change). Address: 1019 Selby Ave., Los Angeles, Calif. 90024.
- BECKER, DR. ALTON LEWIS. Linguistics. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang., Ling. & Philol.
- BECKER, DR. MARSHALL HILFORD. b. New York, N.Y., Jan. 18, 40; m. 59; c. 2. MEDICAL SOCIOLOGY. B.S., City Univ. New York, 62; M.P.H., Michigan, 64, Ph.D. (pub. health, sociol.), 68. Res. assoc. pub. health, sch. pub. health, Michigan, 68-69; ASST. PROF. PEDIAT. & BEHAV. SCI., SCH. HYG. & PUB. HEALTH, HOPKINS, 69-. Proj. dir., U.S. Pub. Health grant, 69-. Social. Asst. Pub. Health Assn. Diffusion of innovation, health attitudes and behavior; formal organizations: professionals in organizations; public health and medical care. Publ: Predictors of innovative behavior among local health officers, Pub. Health Reports, 12/69; Factors affecting diffusion of innovations among health professionals, Am. J. Pub. Health, 7/70; Sociometric location and innovativeness: reformulation and extension of the diffusion model, Am. Sociol. Rev. 4/70. Address: Dept. of Pediatrics, CMSC 1102, Johns Hopkins Hospital, Baltimore, Md. 21205.
- BECKER, DR. RUSSELL J.(AMES). Psychology, Theology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Minister, Glencoe Union Church, 69-. Address: 229 Park Ave., Glencoe, Ill. 60022.
- BECKER, DR. TAMAR. b. Jassi, Romania, Dec. 1, 26; U.S. citizen; m. 50; c. 2. SOCIOLOGY. B.S., Columbia, 52, M.A., 53; Nat. Inst. Ment. Health (f.), California, Los Angeles, 63-65, Ph.D. 66. Instr. sociol., California, Los Angeles, summer 65, lectr., 66-67, asst. res. sociologist, 67-68; ASST. PROF. SOCIOL., SAN FERNANDO VALLEY STATE COL., 68-. Ford Found. fel., California, Los Angeles, 67-68. Sociol. Assn. Cross-cultural encounter and analysis of attitudinal and perceptual changes among foreign students toward the United States and home country. Publ: Patterns of attitudinal changes among foreign students, Am. J. Sociol., 1/68. Address: 1019 Selby Ave., Los Angeles, Calif. 90024.
- BECKETT, DR. PETER G. S. Psychiatry. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: St. Patrick's Hospital, James' St., Dublin, 8, Ireland.
- BECKETT, DR. RALPH L. SR. b. Salt Lake City, Utah, June 6, 23; m. 46; c. 3. SPEECH PATHOLOGY. A.B., Southern California, 50, M.A., 53, Ph.D. 68. Instr. speech & Eng., Los Angeles Harbor Col., 57-60, asst. prof., 60-63, assoc. prof. commun., 65-68; ASST. PROF. SPEECH, Missouri-Columbia, 68-70; CALIF. STATE COL. FULLERTON, Asst. prof. res. fund grant, Missouri, 69. Sig. C., U.S.A.A.-F., 42-46. Speech & Hearing Assn.; Speech Assn. Am. Acoustic and aerodynamic analysis of normal and pathological human voices. Publ: Co-auth., Writing college English, Chandler, 63 & Speech dynamics, W.C. Brown, 67; auth., Pitch perturbation as a function of subjective vocal constriction, Folia Phoniatrica, 70. Address: Speech & Hearing Clinic, California State College at Fullerton, Fullerton, Calif. 92631.
- BECKFORD, DR. MARCELL LEONARD. b. Jamaica, W.I., Dec. 10, 26; Can. citizen; m. 64; c. 2. AGRICULTURAL ECONOMICS & MARKETING. B.Sc., Pa. State, 58, M.Sc., 60; Ph.D. (agr. econ.), Manitoba, 64. Teacher, Calabar High Sch., 51-55; res. asst. agr. mkt., Cornell, 60-61; res. assoc. freshwater fish mkt., Govt. Can., 64-65; agr. resources analyst, Govt. Man., 65-68, statistician, Dominion Bar, Statist., Govt. Can., 68; ASST. PROF. AGR. MKT., GUELPH, 68-. Am. Agr. Econ. Assn.; Can. Agr. Econ. Soc. Price theory; marketing institutions; statistics. Publ: Co-auth., The physical and economic organization of the fisheries of the District of MacKenzie, Northwest Territories, Fisheries Res. Bd. Can., 67. Address: 44 Elginfield Dr., Guelph, Ont., Can.
- BECKHOUSE, DR. LAWRENCE S.(TANLEY). b. Nov. 23, 42; U.S. citizen; m. 65; c. 1. SOCIOLOGY, SOCIAL PSYCHOLOGY. B.A., Knox Col. (Ill.), 65; M.A., Vanderbilt, 67, Ph.D. (sociol.), 69. ASST. PROF. SOCIOL. COL. WILLIAM & MARY, 68-. Sociol. Assn. Experimental analysis of role conflict resolution, especially behavioral tactics employed; inter-personal control and intrapersonal consistency in social behavior. Publ: Co-auth., Interpersonal strategies under conditions of gain or loss, J. Personality, 12/68 & Audience and personality factors in presentation of self, Sociol. Quart., autumn 69. Address: Dept. of Sociology, College of William and Mary, Williamsburg, Va. 23185.
- BECKMANN, PROF. MARTIN J(OSEF). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Prof. appl. math., 69-. Institute for Applied Mathematics, Technical University, Arcisstrasse 21, 8 München 2, West Germany.
- BEDAU, PROF. HUGO ADAM. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- BEDDELL, DR. RALPH C. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 208 NROTC, University of Missouri-Columbia, Columbia, Mo. 65201.
- BEDNAR, DR. RICHARD L. b. Las Vegas, Nev., July 11, 38; m. 60; c. 3. COUNSELING PSYCHOLOGY. B.S., Brigham Young, 61, M.S., 63; Ph.D. (counseling psychol.), Minnesota, 68. Dist. psychologist, Ogden City Sch., Utah, 63-64; instr. & counsr., Minnesota, 64-65; mem. via. faculty, Loyola (Ill.), 66-67; instr., Minnesota, 67-68; ASST. PROF. PSYCHOL., ARKANSAS, 68-. Trainee psychol., Vet. Admin. Gen. Med. Hosp., Minneapolis, Minn. & Vet. Admin. Neuropsychiat. Hosp., Palo Alto, Calif., 66-67; Out-Patient Ment. Hyg. Clin., Vet. Admin. Hosp., St. Paul, Minn., 67-68; sr. res. scientist, Ark. Rehab. Res. & Training Center, Univ. Arkansas, 68-. mem. via. faculty, Utah State, summer 69. Psychol. Assn. Research methodology; individual and group psychotherapy, particularly identifying the therapeutic parameters that contribute to client improvement or deterioration. Publ: Co-auth., Client susceptibility to persuasion and counseling outcomes, J. Counseling Psychol., Vol. 16, No. 5 & Empirical research on group psychotherapy, In: Handbook of psychotherapy and behavior change, Wiley, 69; auth., Group psychotherapy research variables: a state of the union, Int. J. Group Psychother., (in press); plus others. Address: 1220 W. Ridgeway, Payetteville, Ark. 72701.
- BEDROSIAN, DR. HRACH. Personnel & Industrial Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 243 Johnson Ave., Hackensack, N.J. 07601.
- BEDWELL, PROF. THOMAS H(OWARD). Physics, Education. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- BEE, DR. HELEN LUCILLE. Child Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-, Dept. of Psychology, University of Washington, Seattle, Wash. 98105.
- BEENHAKKER, DR. HENRI LOUIS. Management Science, Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Sr. economist, Stanford Research Institute, Menlo Park, Calif. 94025.
- BEER, DR. FRANCIS ANTHONY. b. New York, N.Y., Feb. 5, 39; m. 65. POLITICAL SCIENCE. A.B., Harvard, 60; M.A., California, Berkeley, 63, Ph.D. (polit. sci.), 67; Fulbright fel., France, 65-66; NATO fel. Ohio State, 66-67. ASST. PROF. GOVT., TEXAS, AUSTIN, 67-. U.S.N.R., 60-62, Lt. Polit. Sci. Assn.; Int. Studies Assn. International relations; international organizations; Atlantic relations; North African politics. Publ: Integration and disintegration in NATO, Ohio State Univ., 69; ed., Alliances, Holt, 70. Address: Dept. of Government, University of Texas at Austin, Austin, Tex. 78712.
- BEER, DR. LAWRENCE W(ARD). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Assoc. prof. polit. sci., Colorado, 69-. Vis. res. scholar, Tokyo Univ., 69-70. Address: Dept. of Political Science, University of Colorado, Boulder, Colo. 80302.
- BEER, DR. MICHAEL. b. Tel Aviv, Israel, Nov. 16, 35; U.S. citizen; m. 62; c. 2. PSYCHOLOGY. B.A., Queens Col. (N.Y.), 57; M.S., N.C. State, 59; D.Phil. (psychol.), Ohio State, 64. Res. psychologist, Wright Air Develop. Center, U.S. Air Force, 58-62; res. assoc. psychol., CORNING GLASS WORKS, 64-66, MGR. ORGN. RES. 66-. Lectr., mgt. of mgr. seminars, bur. Indust. rels., Michigan, 67-69. U.S.A.F. 58-62, 1st Lt. Psychol. Assn. Organizational theory and behavior; leadership; motivation; organization change and development; management development. Publ: Leadership, employee needs and motivation, Bur. Bus. Res., Ohio State Univ., 66; Organization size and job satisfaction, J. Acad. Mgt., 64; Needs and need satisfaction among clerical workers in complex and routine jobs, Personnel Psychol., summer 68. Address: Corning Glass Works, Houghton Park, Corning, N.Y. 14830.
- BEGGS, DR. DONALD L(EE). b. Harrisburg, Ill., Sept. 16, 41; m. 63; c. 2. STATISTICS, EDUCATIONAL PSYCHOLOGY. B.S., Ed., Southern Illinois, 63, M.S. Ed., 64, Ph.D. (measurement, statist.), Iowa, 66. Teaching asst. statistician, Southern Illinois, 63-64; instr. ED. PSYCHOL., Iowa, 65-66; asst. prof., SOUTHERN ILLINOIS, 66-69, ASST. PROF. 69-. Res. grants, 67-69; participant, Ed. Eval. Inst., 69. Ed. Res. Assn.; Nat. Coun. Measurement in Ed.; Psychol. Assn. Methodology of research using multiple regression techniques; procedures for evaluating research; teacher expectancy research; psychological measures of anxiety. Publ: Co-auth., in the behavioral sciences: multiple regression approach, Southern Illinois Univ., 69 & Readings in educational testing, Simon & Schuster, 69; Uniformity of growth in the basic skills throughout the school year and during the summer,

J. Ed. Measurement, summer 68. Address: Dept. of Guidance and Educational Psychology, Southern Illinois University, Carbondale, Ill. 62901.

BEGLEY, DR. CARL (EDWARD). Clinical Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 1617 San Marco Blvd, Jacksonville, Fla. 32207.

BEHRENS, PROF. HERMAN D(ANIEL). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Retired, 69. Address: 811 S. Johnson St, Ada, Okla 45810.

BEIDELMAN, DR. THOMAS OWEN, b. Mar. 21, 31; U.S. citizen. SOCIAL ANTHROPOLOGY. A.B. Illinois, Urbana, 53, A.M. 56; California, Berkeley, 53; Michigan, 56; D.Phil.(soc. anthropol.), Oxford, 61. Found Ford res. fel, 61-63; asst. prof. social anthropol., Harvard, 63-65; Nat. Sci. Found. res. fel, center adv. study, Stanford, 65-66; ASSOC. PROF. ANTHROPOL. Duke, 66-68; N.Y. UNIV. 68- Lectr. Makerere Univ. Col. E.Africa, 68. U.S.A. 53-55. Brit. Assn. Soc. Anthropol. Royal Anthropol. Inst. Gt. Brit. & Ireland. Study of social structure; symbolism; myth and folklore; religion of non-Western societies; East African ethnography and history. Publ: Articles in Africa, Southwest. J. Man, Anthropol. Tanzania Notes & Records & others. Address: Dept. of Anthropology, New York University, New York, N.Y. 10003.

BEIER, PROF. DELTON CLIFFORD. Clinical Psychology. See 11th ed, Soc. & Behav. Vols, deceased 69.

BERNE, DR. HARRY MICHAEL, b. Orange, N.J. Feb. 22, 36; m. 65; c. 2. PSYCHOLOGICAL PEDIATRICS. B.E.E. Manhattan Col, 58; M.D. Cornell, 62. Intern, Genesee Hosp, N.Y. 62-63; res. pediat. Children's Hosp. Buffalo, 63-65; fel. psychol. pediat. & child develop. div. psychol. pediat. Hosp. Phila, 67-69; PEDIATRICIAN & PROJ. DIR. CHILD DEVELOP. PROG. CHILDREN'S HOSP. BUFFALO, 69. Med.C. U.S.A. 65-67. Acad. Pediat. Psychological aspects of pediatric practice including child development, the interaction of pediatric illness and child development and behavior; child rearing practices in infants and young children. Address: Children's Hospital of Buffalo, 219 Bryant St, Buffalo, N.Y. 14222.

BEITTEL, DR. ADAM D(ANIEL). Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Retired. Address: 206 Emerystone Terr, San Rafael, Calif. 94903.

BEIZER, DR. BORIS. Computer & Information Science. See Suppl. V to 11th ed, Phys. & Biol. Vols.

BEKKER, DR. KONRAD. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Couns. econ. affairs, Am. Embassy, Bangkok, 68- Address: American Embassy, APO San Francisco 96346.

BELAIEF, DR. LYNNE. Philosophy, Psychology. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.

BELCASTRO, DR. FRANK PATRICK. Education, Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 69-, Dept. of Education, University of San Diego, Alcalá Park, San Diego, Calif. 92110.

BELCHER, PROF. JOHN C(HESLOW). Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Vis. prof. sociol. Puerto Rico, 69- Address: Dept. of Sociology, University of Georgia, Athens, Ga. 30601.

BELDEN, DR. THOMAS GRAHAM. Operations Analysis, History. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Chief historian, Off. Air Force Hist., 70- Address: 7224 Selkirk Dr, Bethesda, Md. 20034.

BELGRAD, DR. ERIC A. b. Antwerp, Belgium, June 1, 35; U.S. citizen; m. 60; c.2. INTERNATIONAL LAW & POLITICS. A.B. Hopkins, 58, fel. & M.A., 65, Ph.D.(polit. sci), 69. Instr. hist. Baltimore Acad. Commerce, 61-66; asst. prof. POLIT. SCI. TOWSON STATE COL, 66-69 ASSOC. PROF. 69- Soc. Int. Law. Political theory. Publ: John Marshall's contributions to American neutrality doctrines, William & Mary Law Rev, winter 67; General principles in international law, Indian J. Int. Law, 10/69. Address: Dept. of Political Science, Towson State College, Baltimore, Md. 21204.

BELKNAP, DR. LOREN C. Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also chmn. dept. soc. serv. & corrections, 69-, University of Nevada, 315 Mack Social Science Bldg, Reno, Nev. 89507.

BELL, PROF. ALBERT HOWARD, b. Hot Springs, Ark, Feb. 15, 24; m. 52; c. 3. CLINICAL PSYCHOLOGY. B.S. Tulane 51, M.S. 55; Ph.D.(clin. psychol.), La. State, 57; cert. Rutgers, 66. Intern clin. psychol. Charity Hosp. & med. center, La. State, New Orleans, 56-57; fel. Vet. Admin. Ment. Hyg. Clin. New Orleans, 57-58; clin. psychologist, Vet. Admin. Hosp, Augusta, Ga, 58-60; Vet. Admin. Ment. Hyg. Clin. Atlanta, 60-62; private practice clin. psychol., 62-65; chief psychologist, East La. State Hosp, Jackson, 65-69; PROF. PSYCHOL. & CRIM. DEPT. TARKIO COL, 69- Instr. Augusta exten, Univ. Georgia & Augusta Col, 58-60. Consult. Ark. Rehab. Serv. & Old Age & Survivor's Ins, 62-65. U.S.N. 42-45. Psychol. Assn. Psychological aspects of disability and adjustment process in chronic disabilities, particularly the physically disabled: alcoholism. Publ: Attitudes of selected rehabilitation workers and other employees toward the physically disabled, 62 & Measure for adjustment of the physically disabled, 67, Psychol. Reports; Measuring adjustment in patients disabled with alcoholism, Quart. J. Studies Alcohol, 69. Address: Dept. of Psychology, Tarkio College, Tarkio, Mo. 64491.

BELL, (ARTHUR) DONALD. Psychology, Psychology of Religion. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 2821 Alton Rd, Ft. Worth, Tex. 76109.

BELL, PROF. DANIEL. Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-, Dept. of Sociology, Harvard University, Cambridge, Mass. 02138.

BELL, DR. DAVID G. b. Janesville, Wis, Apr. 7, 32; m. 55; c. 2. COUNSELING. B.Mus.Ed, Milton Col, 57; Nat. Sci. Found. fel, Claremont Grad. Sch, 64; M.S. Wisconsin, 62, Ph.D.(counseling & behav. studies), 69. Teacher, high sch, Wis, 57-65; res. asst. superior students, Wisconsin, 65-67; couns. center, SAN FERNANDO VALLEY STATE COL, 67-68, dir. financial aids, 68-69, ASSOC. DEAN STUDENTS, 69- U.S.A. 51-53, Sgt. Personnel & Guid. Assn. Guidance of minority students. Publ: Relationships between test performance, self-views, and leisure-time activities of superior high school freshmen and their reported subsequent leadership, Dissertation Abstracts, 70; College guidance aspects of the E.O.P. Col. Personnel Abstracts, 70. Address: San Fernando Valley State College, 1811 Northridge St, Northridge, Calif. 91324.

BELL, DR. GEORGE AL(FRED). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 1089 Merrick Dr, Apt. 166, Lexington, Ky. 40502.

BELL, PROF. GRAHAM (BERNAT). Psychology. See 11th ed, Soc. & Behav. Vols, deceased 68.

BELL, HARRY H. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Independent econ. consult. Studies & Serv. Inc. 69- Address: 2801 31st NW, Washington, D.C. 20008.

BELL, DR. JOHN ELDERKIN. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Dir, Ment. Res. Inst, 68- Address: 751 De Soto Dr, Palo Alto, Calif. 94303.

BELL, PROF. PHILIP W(LIKES). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. Correction: Provost, Merrill Col, California, Santa Cruz, 68- Address: Dept. of Economics, Merrill College, University of California, Santa Cruz, Calif. 95060.

BELL, PROF. ROBERT W(ILSON), b. Ord, Nebr, Sept. 29, 13; m. 43; c. 3. BUSINESS ADMINISTRATION. B.S. Nebraska State Col, Kearney, 40; M.A. Colo. State Col, 46; Ph.D. (mkt), Texas, Austin, 62. Instr. high sch, Nebr. 40-42; asst. prof. acct. mkt. & statist, Hastings Col, 46-51; mkt. statist. & advt., Washburn, 52-57; assoc. prof. mkt. & statist, ARKANSAS, FAYETTEVILLE, 57-63, PROF. MKT. & RES. 63- Consult. U.S. Air Force, Topeka, Kans. 56-57; Daisy Mfg. Co, Ark, 59-60; summers. Kans-Mo. Div. R.H. Macy, Mo. 66 & 67, May Dept. Stores, St. Louis, Mo. 68 & Famous-Barr Co, 69. Chmn, Census Tract Cmt, Topeka, 55-57; mem. Urban Renewal Cmt, 56-57. U.S.N.R. 42-45, Lt. Mkt. Assn. Retail audits of stores; scientific approach to teaching of retail management, budgeting, and expense analysis; behavior patterns in food retailing. Publ: Budgeting for small department stores, Small Bus. Admin. 8/63; co-auth. Quantitative determination of manpower requirements in variable activities, J. Retailing, summer 67 & Evaluating the retail salesman, J. Mkt, summer 68. Address: Dept. of Marketing, College of Business Administration, University of Arkansas, Fayetteville, Ark. 72701.

BELL, PROF. WALTER HERMAN. Romance Languages, Counseling. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang. Ling. & Philol.

BELL, PROF. WINIFRED. Social Work. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. sch. soc. welfare, State Univ. N.Y. Albany, 68- Address: 2 Van Rensselaer Blvd, Menands, N.Y. 12204.

BELLAK, DR. ALVIN O(TTO). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Partner, Edward N. Hay & Assocs, 69- Address: 120 S. Van Felt St, Philadelphia, Pa. 19103.

BELLEAU, DR. GEORGE SAMUEL, b. Milwaukee, Wis, Nov. 11, 31; m. 52; c. 1. PSYCHOLOGY. Ph.D.(psychol), B.S. Milwaukee, 53. Prin. Culver City Jr. Acad, Calif, 55-59; psychometrist, Rowland Sch, Dist, 60-62; psychologist, Westminster Sch, Dist, 62-64; ASSOC. PROF. PSYCHOL. PACIFIC UNION COL, 64- Consult. Los Angeles County Probation Dept, summer 61; Napa County Schs, 67-68; Diag. & Referral Center, Napa, Solana Lake & Mendocino Counties, 68- Psychol. Assn. School psychology; teaching of psychology; psychotherapy; mental health. Address: 884 Ponderosa Dr, Angwin, Calif. 94508.

BELLI, DR. PEDRO, b. Managua, Nicaragua, Jan. 24, 39; m. 68. ECONOMICS. A.B. Amherst Col, 60; Ph.D.(econ), California, Berkeley, 68. ASST. PROF. ECON. CALIFORNIA, RIVERSIDE, 68- Econ. Assn. Publ: Farmer's response to price in underdeveloped areas: the Nicaraguan case, Am. Econ. Rev, (in press). Address: Dept. of Economics, University of California, Riverside, Calif. 92502.

BELLUGI-KLIMA, DR. URSULA. Linguistics, Cognitive Psychology. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang. Ling. & Philol.

BELMONT, DR. JOHN MARK, b. Oakland, Calif, Sept. 9, 40; m. 63; c. 1. PSYCHOLOGY. B.A. Reed Col, 62; Nat. Inst. Ment. Health fel, 63 & 67; M.A. George Peabody Col, 63; Ph.D.(psychol), Alabama, 67. Res. fel. YALE, 66-67, RES. PSYCHOLOGIST, 67- Sr. investr. Nat. Inst. Child Health & Human Develop. res. grant, 67-70. Consult. President's Cmt. Ment. Retardation, 69-70. Psychol. Assn; Ment. Deficiency; Soc. Res. Child Develop. Learning and memory processes in mental retardates and children. Publ: Long-term memory in mental retardation, In: International review of research in mental retardation, 66 & co-auth. Relations of short-term memory to development and intelligence, In: Advances in child development and behavior, Vol. IV, 68, Acad. Press; auth. Perceptual short-term memory in children, retardates and adults, J. Exp. Child Psychol. 5: 114-122. Address: Yale University, 163 York St, New Haven, Conn. 06511.

BELNIAK, DEAN JOHN P(AUL). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also dir. summer sessions & coordinator campus conf, 69-, Harpur College, State University of New York at Binghamton, Binghamton, N.Y. 13901.



- BELSHAW, PROF. CYRIL S(HIRLEY). Social Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also head dept. anthrop. & social, British Columbia, 68; v-pres, Soc. Sci. Res. Coun. Can, 69- Address: Dept. of Anthropology & Sociology, University of British Columbia, Vancouver 8, B.C. Can.
- BELSHAW, DR. MICHAEL H(ORACE). Economic Development. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. econ, Prescott Col, 69- Address: Route 1, Box 375, Prescott, Ariz. 86301.
- BELT, PROF. VIRGINIA MCKEMIE. Economics, Finance. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Pres, Financial Prog. of Tustin, Calif. Address: Dept. of Business Finance, California State College, Long Beach, Calif. 90801.
- BELZUNG, DR. L(AURIE) DENNIS. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. econ. & assoc. dean, 69-, College of Business Administration, University of Arkansas, Fayetteville, Ark. 72701.
- BENAVIE, DR. ARTHUR, b. Detroit, Mich, Feb. 26, 30; m. 63. ECONOMICS. B.A. Wayne State, 54; M.A. Michigan, 55, fel. 59-60, Ph.D.(econ), 62. Asst. prof. ECON, Princeton, 62-65; ASSOC. PROF, San Francisco State, 65-67; NORTH CAROLINA, CHAPEL HILL, 67- Sig.C, U.S.A., 55-57, Lt. Mathematical techniques; macroeconomic theory. Publ: Intermediaries and monetary policy, Univ. Michigan Bus. Publ, 65; Monetary-fiscal policy and the debt burden, J. Financial & Quant. Anal, 66; Intermediaries in a macroeconomic model, J. Finance, 9/67. Address: Dept. of Economics, University of North Carolina, Chapel Hill, N.C. 27514.
- BENCH, DR. NACHMAN, b. Haifa, Israel, Feb. 22, 35; m. 63; c. 1. MANAGE-MENT SCIENCES. B.S. Israel Inst. Tech, 59; M.B.A. N.Y. Univ, 61, Ford Found, fel. 63-64, Ph.D.(opers. res), 68. PRES, BENCH ADVISORS, INC., 65- Ad. assoc. prof. sch. bus, Baruch Col, City Univ. New York, 65-68. Inst. Mgt. Sci. Address: Bench Advisors, Inc, 55 W. 44th St, New York, N.Y. 10036.
- BENDER, PROF. BYRON WILBUR. Anthropological Linguistics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. & chmn, 69-, Dept. of Linguistics, University of Hawaii, Honolulu, Hawaii 96822.
- BENDER, DR. DONALD RAY. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Anthropology, University of Minnesota, Minneapolis, Minn. 55455.
- BENDER, DR. HARRY, b. New York, N.Y. June 10, 26; m. 48; c. 3. PSY-CHOLOGY. B.A. Hunter Col, 50; univ. fel. & M.A. Yale, 51, U.S. Pub. Health Serv. fel. & Ph.D.(clin. psychol), 55. Asst. prof. psychol, Colorado, 54-56; from asst. prof. to PROF. PSYCHOL, SAN JOSE STATE COL, 56- U.S.N. 44-46. Psychol. Assn. Institutional reform; undergraduate instruction; behavior modification. Publ: From anarchy towards order in grading, Tower; Learning of color shock & Relative effectiveness of stat-box and goal-box cues in the maintenance of avoidance responses, Am. Psychol. Address: Dept. of Psychology, San Jose State College, San Jose, Calif. 95114.
- BENDER, DR. VIRGINIA LEE, b. Battle Creek, Mich, Aug. 8, 44. PSYCHOL-OGY. B.S. Alabama, 65, M.A., 67, Ph.D. (psychol), 69. ASST. PROF. PSY-CHOL, SAN FRANCISCO, 68- Psychol. Assn; Psychonomic Soc. Self-punitive behavior in rats; learning processes in mental retardates. Publ: Co-auth. Self-punitive avoidance behavior: effects of changes in punishment intensity, Psychol. Record, 68; co-auth. Sources of reinforcement in the establishment of self-punitive behavior, 3/69 & auth. Secondary punishment of self-punitive avoidance behavior in the rat, 10/69, J. Comp. & Physiol. Psychol. Address: Dept. of Psychology, University of San Francisco, San Francisco, Calif. 94117.
- BENDER, DR. WILSON R(ALPH) G(RIGGS). Clinical Psychology. See 11th ed, Soc. & Behav. Vols. deceased.
- BEN-DOR, DR. SHMUEL. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof. 69-, Dept. of Anthropology, Case Western Reserve University, Cleveland, Ohio 44106.
- BENEDETTI, PROF. DAVID THEODORE. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also assoc. dean, 69-, Graduate School, University of New Mexico, Albuquerque, N.Mex. 87106.
- BENES, DR. ELMOR SIMSON. Vertebrate Zoology, Animal Behavior. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- BENEVENTO, DR. L(OUIS) (ANTHONY). Neurophysiology, Neuroanatomy. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
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- BILLER, DR. HENRY B., b. Providence, R.I., Oct. 30, 40; m. 61; c. 3. CLINICAL & DEVELOPMENTAL PSYCHOLOGY. A.B., Brown, 62; U.S. Pub. Health Serv. fcls, Duke, 62-68 & 68-67. Ph.D.(psychol), 67. Clin. psychol. intern, Emma Pendleton Bradley Hosp, 65-66; ASST. PROF. PSYCHOL, Massachusetts, 67-69; George Peabody Col, 69-70; RHODE ISLAND, 70- Univ. Massachusetts Faculty Res. Coun. grant, 67-69, growth grant, summer 68; Nat. Inst. Ment. Health pub. health serv. res. grant, 68-69. Psychol. Assn; Soc. Res. Child Develop. Sex role development; familial antecedents of personality development; etiology, assessment, treatment and prevention of psychological problems related to inappropriate sex role development and paternal deprivation and inadequacy. Publ: Co-auth, Masculine development: an integrative review, *Merrill Palmer Quart.*, 10/67; auth, Father absence and the personality development of the male child, *Develop. Psychol.*, 3/70; co-auth, The father-daughter relationship and the personality development of the female, *J. Genetic Psychol.*, 3/70. Address: Dept. of Psychology, University of Rhode Island, Kingston, R.I. 02881.
- BILLERA, DR. LOUIS J(OSEPH). Mathematics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- BILLINGHAM, DR. CAROL JEAN. Economics, Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Consult. economist, Leonard Refineries, Inc. Address: 10551 W. Tyler Rd, Sumner, Mich. 48869.
- BILLINGS, DR. LLOYD (ALVIN). Statistics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Ph.D.(econ), Arizona, 69. Assoc. prof. acct. & quant. anal. East. Wash. State Col, 69- Address: 126 W. Second St, Cheney, Wash. 99004.
- BILLS, DEAN ROBERT E(DGAR). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also res. prof, 69-, College of Education, University of Alabama, P.O. Box 1937, University, Ala. 35466.
- BILMES, PROF. MURRAY, b. Brooklyn, N.Y., Sept. 12, 27; m. 51; c. 3. PSYCHOLOGY, B.A. Brooklyn Col, 50; Ph.D.(psychol), N.Y. Univ, 55. Lectr, City Col. New York, 55-56; Cooper Union, 57; PROF. PSYCHOL, N.Y. SCH. PSYCHIAT, 58- Lectr, Brooklyn Col, 55-59; fel, postgrad. correction, N.Y. Univ, 60-63; lectr, State Univ. N.Y., 68. Consult, N.Y. Dept. Correction, 65; N.Y. Med. Col, 68-69; Hillside Hosp, 68- U.S.A., 48. Psychol. Assn. Adolescence and group process; cognitive functions. Publ: The delinquent, *Arts & Sci*, spring 65, Delinquents escape from conscience, *Am. J. Psychother.*, 10/65 & Shame and delinquency, *Contemporary Psychoanal*, spring 67. Address: 370 Central Park W, New York, N.Y. 10025.
- BILODEAU, PROF. EDWARD A(LFRED). Psychology. See 11th ed, Soc. & Behav. Vols, deceased 68.
- BILSKY, DR. MAXWELL GEORGE, b. Flint, Mich, Oct. 31, 18; div. PSYCHOLOGY, EDUCATION. B.A. Hillsdale Col, 51; M.S. Michigan, 53, Ph.D. (ed. psychol), 63. Instr. ed. psychol, Michigan, 57-59; assoc. prof. ed, State Univ. N.Y. Col. Buffalo, 59-63 & 64-66; George Washington, 63-64; psychol. & ed, Purdue, 66-68; PROF. PSYCHOL, MADISON COL, 69- Intel. C. U.S.A., 42-45. Psychol. Assn; Coun. Except. Children; Assn. Ment. Deficiency; Int. Soc. Gen. Semantics. Psychology of human learning; programmed instruction and teaching of reading. Publ: A validation study of a ninth grade grammar program, *Univ. Mich*, 63; Reading rate and visual shift, *J. Ed. Res*, 66. Address: Dept. of Psychology, Madison College, Harrisonburg, Va. 22801.
- BILSTEIN, DR. ROGER EUGENE. Modern United States History & Foreign Relations. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- BINDMAN, DR. ARTHUR J(OSEPH). Clinical Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Regional admin. ment. retardation, Mass. Dept. Ment. Health, 68- Address: 25 Crestview Rd, Belmont, Mass. 02178.
- BINGHAM, DR. JOSEPH LEO. Clinical & Industrial Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 285 Madison Ave, New York, N.Y. 10017.
- BINHAMMER, DR. HELMUT HERBERT F., b. Argentine, S.Am, June 6, 27; Can. citizen; m. 57; c. 1. ECONOMICS. B.A. Western Ontario, 48; M.A., Queen's (Ont), 57; Exh. admstr, McGill, 58-60; Ph.D.(econ), 61. Lectr. acting registr. & bus. admstr, Waterloo Col, 50-55; lectr. ECON, Royal Mil. Col. (Ont), 55-58; McGill, 60-61; from asst. prof. to ASSOC. PROF. ROYAL MIL. COL. (ONT), 62- Can. Coun. summer fel, 65. Mem. Can. Tax Found. Am. Econ. Assn; Can. Econ. Assn. Publ: Co-auth, Canadian banking and monetary policy, McGraw, Can, 65; auth, Money, banking and the Canadian financial system, Methuen, 68. Address: Dept. of Economics, Royal Military College of Canada, Kingston, Ont, Can.
- BINTZ, DR. JOHN J., b. Waterloo, Iowa, March 18, 38; m. 60; c. 1. PSYCHOLOGY. B.S. Iowa, 64, M.A., 66, Nat. Inst. Ment. Health fel, 66-67. Ph.D. (psychol), 67. ASST. PROF. PSYCHOL, CALIFORNIA, Davis, 66- U.S.A., 55-58. Psychol. Assn. Memory learning; motivation. Address: Dept. of Psychology, University of California, Davis, Calif. 95618.
- BIRCH, DR. JEREMY D(IXON). B. Utica, N.Y., May 13, 37; m. 61; c. 2. PSYCHOLOGY, B.A. Hamilton Col, 59; M.A., Columbia, 64, Ph.D.(psychol), 66. ASST. PROF. PSYCHOL, Windham Col, 66-68; Arizona State, 68-89; WINDHAM COL, 69- AAAS; Psychol. Assn. Parameters of avoidance conditioning; stimulus control in free-operant behavior. Publ: Co-auth, Simple transducers to detect and record operant aptitude, *J. Exp. Anal. Behav.*, 61 & Temporal and shock intensity parameters of free operant discriminated avoidance behavior, *Am. Psychol.*, 64; auth, Differentiation of response characteristics during multiple fixed ratio extinction, *Psychol. Reports*, 64. Address: Dept. of Psychology, Windham College, Putney, Vt. 05346.
- BIRD, DR. MICHAEL CONRAD, b. Washington, D.C., Aug. 16, 39; m. 63; c. 2. ECONOMICS. B.A. West. Md. Col, 61; Ph.D.(econ), Colorado, 68. Teaching asst, ECON. COL. Colo, 64-65; teaching assoc, 66-68; vis. prof, Guadalajara, 66-68; ASST. PROF. COLO. COL, 68- Chapman Fund res. grant, summer, 69 & 70. Latin American economic development. Publ: Human resource development and economic growth in the state of Jalisco, Mexico, *Int. Econ. Studies*

Center, Univ. Colorado, 4/69. Address: Dept. of Economics, Colorado College, Colorado Springs, Colo. 80903.

**BIRD, MICHAEL D.** b. Vancouver, B.C. Sept. 21, 35; U.S. citizen; m. 58; c. 2. **ECONOMICS.** B.A., Williams Col. 57; M.A., Michigan, 59. **ECONOMIST, U.S. Treas.** Dept. 63-68; **JOINT CMT. INTERNAL REVENUE TAXATION, U.S. CONG.** 68- Meritorious serv. award, U.S. Treas. Dept. U.S.M.C.R. 57-63. **Econ. Assn.** Horizontal equity in the individual income tax. Address: 12525 Waldo Lane, Silver Spring, Md. 20904.

**BIRNBAUM, PROF. NORMAN.** b. New York, N.Y. July 21, 26; c. 2. **SOCIOLOGY.** A.B., Williams Col. 47; fel. Harvard, 48-52; M.A., 51, Ph.D. (sociol.), 59; fel. Soc. Sci. Res. Con., Heidelberg, Mainz & Marburg, 52-53; M.A., Oxford, 60; M.A., Amherst Col. 69. Res. tutor, Harvard, 49-52; asst. lect., London Sch. Econ. & Polit. Sci. 53-55; lect., 55-59; fel. Nuffield Col., Oxford, 59-66; PROF., grad. faculty, New Sch. Soc. Res. 66-68; **SOCIOL., AMHERST COL.** 68- Grants, Cent. Res. Fund, London, 56. Am. Philos. Soc., 58, Soc. Sci. Res. Con., 59, Rockefeller Found., 61-62, Rabinowitz Found., 66 & Ford Found., 67; vis. lect., summer sch., Harvard, 59 & 62; vis. prof., Strasbourg, 64-66. Consult., Off. Ed. 69-70. Sociol. Assn; Soc. Sci. Study Relig.; Brit. Sociol. Assn; Conf. Int. Conf. Sociol. Relig.; German Sociol. Assn. Studies in social theory, the comparative sociology of industrial societies; political sociology and the sociology of intellectual life as well as the sociology of religion. Publ. Co-auth. Sociology and religion, Prentice-Hall, 68; auth. The crisis of industrial society, Oxford, 69. The sociological analysis of ideology (1940-1960): a trend report and bibliography, Current Social, 60. Address: Dept. of Sociology, Amherst College, Amherst, Mass. 01002.

**BIRNBERG, DR. THOMAS BROOKS.** b. New York, N.Y. Feb. 11, 41; m. 66. **ECONOMICS.** B.A., Pomona Col., 62; Ph.D. (econ), California, Berkeley, 68. **ASST. PROF. ECON., YALE.** 68- Comparative development, econometrics. Address: Dept. of Economics, Yale University, New Haven, Conn. 06520.

**BIRNS, DR. LAURENCE RICHARD.** b. New York, N.Y. July 22, 29; div; c. 1. **POLITICAL SCIENCE, LATIN AMERICAN AFFAIRS.** B.S., Columbia, 55, Ph.D. 61; fel. Oxford, 55-61. Lectr. int. rels. City Univ. New York, 60-61; Assn. for policy studies, Econ. Univ. Calif., 62; Lectr. int. rels., San Jose State Col., 62-63; Latin Am. studies, Hamilton Col., 63-64. **LECTR., LATIN AM. STUDIES & INT. AFFAIRS.** NEW SCH. SOC. RES. 64. Lectr. Hunter Col., 66-67; N.Y. Univ. 68- Ford Found-State N.Y. Latin Am. Area Studies grant, 64, 67; fel. Inst. Policy Stud., 68- Inst. Strategic Stud.; Polit. Sci. Assn. Acad. Polit. Sci. Latin America: international relations; comparative govt. management. Publ. Co-auth. First book of the West Indies, Grolier, 68; auth. World areas today—Latin America, Harcourt, 68. Address: New School for Social Research, New York, N.Y. 10011.

**BISH, DR. ROBERT L.** b. Seattle, Wash. Sept. 29, 42. **ECONOMICS.** A.B., Southern California, 64; A.M., Indiana, Bloomington, 66, univ. fel. 67, Inst. Appl. Urban Econ. fel. 67-68. Ph.D. (econ), 68. **ASST. PROF. ECON. & PUB. AFFAIRS, WASHINGTON (SEATTLE).** 68- Econ. Assn; Polit. Sci. Assn; Soc. Pub. Admin; Pub. Choice Soc. Urban economics; state and local public finance; economic approaches to political science; state and local government organization. Publ. Public housing: the magnitude and distribution of direct benefits and effects on urban consumption, J. Regional Sci., 12/69. Address: Graduate School of Public Affairs, University of Washington, Seattle, Wash. 98105.

**BISHARA, DR. HALIM I.** b. Cairo, Egypt, Oct. 8, 23; Can. citizen; m. 62; c. 3. **BUSINESS FINANCE.** B.Com., Cairo, 51, M.Com., 56; M.B.A., Wisconsin, 60, Ph.D. (bus. finance), 61. Teacher, bus. admin., Trade Col., Cairo, 51-52; demonstr., Cairo, 52-55; asst. 55-57; statist., Wisconsin, 59-61; asst. prof. bus. admin., Cairo, Khartoum, 61-65, assoc. prof. 65-66; asst. prof. finance & mkt., Memorial Univ. 66-68; **ASSOC. PROF.** bus. finance & investment, Dalhousie, 68-70; **BUS. FINANCE, SASKATCHEWAN.** 70- Participant, Assn. Can. Schs. Bus., summer 69. Publ. Government intervention impact on corporation, Pfrnl. J., Egypt, 56; Commercial banking system in Sudan, 64 & industrial development in Sudan in the last 100 years, 65, Pfrnl. J., Sudan. Address: College of Commerce, University of Saskatchewan, Saskatoon, Sask., Can.

**BISHOP, DR. CHARLES ALDRICH.** b. Kingston, Ont. Dec. 13, 35; m. 68. **ANTHROPOLOGY.** B.A., Toronto, 61, Can. Coun. scholar, 62, Ont. Prov. scholar, & M.A., 63; Ph.D. (anthrop.), State Univ. N.Y. Buffalo, 69. Asst. prof. **ANTHROP. Fla.** State, 67-69; Eastern New Mexico, 69-70; **ASSOC. PROF., STATE UNIV. N.Y. COL., OSWEGO.** 70- Summers, res. grants, Nat. Mus. Can. 69 & 70 & intnl. res. grant, Nat. Sci. Found., 70. Anthrop. Assn; fel. Ethnol. Soc. Ethn. Soc. Nations Inquest Reservation; Northern Algonkian Archival. Publ. The northern Ojibwa: an ethnohistorical study, Nat. Mus. Can. (in press); The emergence of hunting territories among the northern Ojibwa, Ethnology, 1/70. Address: Dept. of Anthropology, State University of New York College at Oswego, Oswego, N.Y. 13126.

**BISHOP, PROF. F. MARIAN.** Sociology, Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. 69-, Dept. of Community Health & Medical Practice, University of Missouri College of Medicine, Columbia, Mo. 65201.

**BISSENETTE, PRES. GEORGES (LOUIS).** Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Pres., 68- Assumption College, Worcester, Mass. 01609.

**BISWAS, DR. ASIT KUMAR.** b. Balasore, India, Feb. 25, 39. **ECONOMICS, WATER RESOURCE PLANNING.** P.L. ANDRAN, 61. Tech. Kharragpur, 60, M.Tech., 61; Ph.D. (water resources), Strathclyde, 67. Asst. civil engr., Ward, Ashcroft & Parkman, U.K. 61-62; res. fel. hydraul. eng., Loughborough Univ. Tech., Eng. 62-63; lectr. water resources eng., Strathclyde, 63-67; vis. prof. water resource planning, Queen's (Ont), 67-68; **SR. RES. OFFICER, DPT. ENERGY, MINES & RESOURCES.** 68- Vis. prof., Ottawa, 68- **Soc. Civl. Eng. Int. Assn. Hydraul. Res. Brit. Inst. Civl. Eng.** Socio-economic simulation for water resources system planning and management; economics of water and environmental pollution abatement; perception

and attitude of people to water development projects and problems; history of science. Publ. Socio-economic simulation for water resource systems planning, Int. Assn. Hydraul. Res., 69; History of hydrology, North-Holland Publ., Amsterdam, 70; The automatic rain gauge of Sir Christopher Wren, Philos. Trans. Royal Soc. London, 67. Address: 1356 Meadowlands Wren, E, Apt. 1102, Ottawa 5, Ont., Can.

**BIVEN, PROF. WILLIAM CARL.** b. Louisville, Ky., Jan. 11, 25; m. 59; c. 2. **ECONOMICS.** B.A., St. Mary's Col. (Ky.), 45; M.A., St. Louis, 53, Ph.D. (econ), 56. Res. assoc. Econ. Emory, 58; asst. prof. Ca. INST. TECH., 58-61, assoc. prof. 61-66, **PROFESSOR.** 66- Econ. Assn. Implications of macro-economic theory for public policy decisions. Publ. Economics and public policy, 66, Introduction to economics, 70 & ed. Readings in economics, 70, E.E. Merrill. Address: College of Industrial Management, Georgia Institute of Technology, Atlanta, Ga. 30332.

**BJORK, DR. RICHARD E.** Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Pres., 69-, Richard Stockton State College, 1 Williams Plaza, Pleasantville, N.J. 08232.

**BJORK, DR. ROBERT (ALLEN).** Experimental Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.

**BLACK, PROF. BERTRAM J.** Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Prof. rehab. psychiat., Albert Einstein Col. Med., 69-; dir. ment. health rehab. serv., Bronx State Hosp., 69- Address: 45-52 Auburndale Lane, Flushing, N.Y. 11358.

**BLACK, DR. JOHN BUCHANAN.** b. Guelph, Ont., Can. Aug. 5, 40; m. 66; c. 1. **POLITICAL SCIENCE, INTERNATIONAL RELATIONS.** B.A., Western Ontario, 62, M.A., 64; Mackenzie King traveling fel., London Sch. Econ., 64-65, Can. Coun. fel., 68-69, Ph.D. (int. rels.), 69. Lectr. polit. sci., Western Ontario, summer 64; **POLIT. STUDIES, GUELPH.** 66-68, **ASST. PROF.** 68- Am. Polit. Sci. Assn; Can. Polit. Sci. Assn; Int. Studies Assn. International propaganda; mass media and politics in Canada, United States and the United Kingdom; post-1945 international politics; computerized information retrieval applications to political studies. Address: Dept. of Political Studies, University of Guelph, Guelph, Ont., Can.

**BLACK, PROF. KENNETH, JR.** Insurance. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Dean sch. bus. admin., Ga. State, 69-, no longer chmn. dept. ins. Address: 2 Hanover West Court N.W., Atlanta, Ga. 30327.

**BLACK, PROF. ROGER WADE.** Experimental Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. 69-, Dept. of Psychology, University of South Carolina, Columbia, S.C. 29208.

**BLACK, DR. THEREL R.** b. Ferron, Utah, June 30, 17; m. 44; c. 3. **SOCIOLOGY.** B.S., Brigham Young, 39; M.A., La. State, 41; Ph.D. (sociol.), Wisconsin, 51. Instr. & asst. prof. **SOCIOL.** Okla. State, 46-49; from asst. prof. to PROF., **UTAH STATE**, 50-, **HEAD DEPT.** 66-, acting head, 65-66. Vis. asst. prof., Mich. State, summer 53. U.S.A. 42-46. Sociol. Assn; Rural Sociol. Assn. Community structure and function, population studies. Publ. Co-auth. Community problems and group participation, 55 & Age and sex population projections of Utah counties, 12/65, Utah Agr. Exp. Sta. Bull.; auth. Formal social participation: method and theory, Rural Soc. J. 3/57. Address: Dept. of Sociology, Utah State University, Logan, Utah 84321.

**BLACK, PROF. THOMPSON, JR.** Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Political Science, California State College at Los Angeles, 5151 State College Dr., Los Angeles, Calif. 90032.

**BLACK, DR. WILLIAM RICHARD.** b. Brownsville, Pa., June 8, 42; m. 63; c. 2. **GEOGRAPHY.** B.Sc., California State Col. (Pa.), 64; M.A., Iowa, 66, Nat. Sci. Found. fel., 67-68, Ph.D. (geog.), 69. **ASST. PROF. GEOG.** Miami (Ohio), 68-69; **INDIANA, BLOOMINGTON.** 69- Assn. Am. Geog.; Regional Sci. Assn; Am. Geog. Soc. Forecasting regional transportation network structure; analyses of the properties of optimal networks; urban travel behavior; locational classification systems. Address: Dept. of Geography, Indiana University, Bloomington, Ind. 47401.

**BLACKBURN, DR. ANTHONY.** b. Orpington, Eng. June 6, 38; Can. citizen; m. 69. **ECONOMIC GEOGRAPHY.** B.Sc., London, 59; M.A., Georgia, 61; Ph.D. (geog.), Toronto, 66. Lectr. **GEOG.** WINDSOR, 68-67, **ASST. PROF.** 67- Assn. Am. Geog.; Regional Sci. Assn. Industrial geography; transportation. Publ. Locational patterns of American-owned industries in Canada, Proc. Int. Geog. Union, 68; Transportation, communications and utilities in Ohio, Ohio Dept. Planning, 68. Address: Dept. of Geography, University of Windsor, Windsor, Ont., Can.

**BLACKBURN, PROF. WILLIAM BRUCE.** Psychology. See 11th ed, Soc. & Behav. Vols., deceased 68.

**BLACKER, DR. KAY H.** Psychiatry. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. grad. training, dept. psychiat., California, Davis, 69- Address: University of California, School of Medicine, Sacramento Medical Center, 2315 Stockton Blvd., Sacramento, Calif. 95817.

**BLACKMAN, DR. JOHN LEROY, JR.** b. Philadelphia, Pa., Aug. 12, 08; m. 64. **ECONOMICS.** A.B., Haverford Col., 30; M.A., Harvard, 48, Ph.D. (econ), 57. Instr. **ECON.** Simmons Col., 48- Northeastern, 49-; asst. prof., Bucknell, 57-59; **ASSOC. PROF., MASSACHUSETTS, AMHERST.** 60- U.S.N. 42-46, 50-52, Comdr. Econ. Assn; Indust. Rel. Res. Assn; Econ. Hist. Assn. Labor relations. Publ. Presidential seizure in labor disputes, Harvard, 67; Navy policy toward labor relations of its war contractors, Mil. Affairs, winter 54 & spring 55. Address: Hickory Lane, Amherst, Mass. 01002.

**BLACKMAN, DR. SHELDON.** b. Brooklyn, N.Y., Apr. 20, 35; m. 57; c. 2. **PSYCHOLOGY.** A.B., Princeton, 56; M.A., Ohio State, 58, Ph.D. 60. Res.



- psychologist, STATEN ISLAND MENT. HEALTH SOC., 63-64, asst. dir. res., 65-68, DIR. RES. 68- Consult. ed. Develop. Psychol., 69- U.S.A., 59-63, Capt. Psychol. Asn. Psychological measurement; small groups; community mental health. Publ. The application of multidimensional scaling to the measurement of cognitive patterning, *J. Gen. Psychol.*, 66; Deviance and position in the small group, *J. Soc. Psychol.*, 66; Some aspects of a theory of community mental health, *J. Community Ment. Health*, 68. Address: Staten Island Mental Health Society, 657 Castleton Ave, Staten Island, N.Y. 10301.
- BLACKMER, DR. DONALD (LAURENCE) (MORTON). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: No longer asst. dir. center int. studies, Mass. Inst. Tech. Address: Dept. of Political Science, E53-357, Massachusetts Institute of Technology, Cambridge, Mass. 02139.
- BLACKWELL, PROF. JAMES E (DWARD). Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69- Dept. of Sociology, Case Western Reserve University, Cleveland, Ohio 44106.
- BLAIN, DR. ROBERT C. b. Montreal, Que., Aug. 27, 35; m. 58; c. 4. SOCIAL & INDUSTRIAL PSYCHOLOGY. B.A. Manitoba, 55; B.Ph. Montreal, 56, M.A., 58, Ph.D. (psychol.), 60. Gen. mgr. serv. indust. Vails, 64-66; dir. personnel, Publ. Serv. Cmn., 66-68; REGIONAL ECON. EXPANSION, 68-70, DIR. HUMAN & SOC. ANAL., 70- Can. Psychol. Asn. (secy-treas, 69-). Address: Castelleau Rd., R.R. 2, Lucerne, Que., Can.
- BLAIR, DR. ALEXANDER (MARSHALL). Geography. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. & acting chmn., 69- Dept. of Geography, York University Faculty of Arts & Science, Toronto, 12, Ont., Can.
- BLAISDELL, DR. DONALD (CHRISTY). See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Retired, 67. Address: R.R. 1, Box 278, Laurel, Md. 20810.
- BLAKE, DR. BRIAN FRANCIS, b. Jersey City, N.J., Aug. 26, 42; m. 65; c. 1. PSYCHOLOGY. B.A., St. Peter's Col. (N.J.), 64; M.S., Purdue, 66, Ph.D. (psychol.), 69. ASST. PROF. PSYCHOL., Valparaiso, 68-69; ST. JOHN'S (N.Y.), 69- Psychol. Asn. Attitude change; impression formation; social psychology of the psychological experiment. Publ.: Co-auth. Performance as a function of payment, commitment and task interest, *Psychonomic Sci.*, 69; auth. Dogmatism and new product acceptance, *J. Mkt. Res.*, 70; co-auth. Impression formation based on potentially invalid information, *Proc. Am. Psychol. Asn.*, 70. Address: Dept. of Psychology, St. John's University, Jamaica, N.Y. 11432.
- BLAKE, DR. DAVID H. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof. bus. admin. & polit. sci., 69- Graduate School of Business, University of Pittsburgh, Pittsburgh, Pa. 15213.
- BLAKELEY, PROF. THOMAS JOHN. Contemporary Philosophy, Soviet Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- BLAKELY, DR. WAYNE ALLEN. Religion. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- BLAKEMORE, GEORGE (JEFFERSON), JR. Statistics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Sr. math. statistician, instrumentation lab, Mass. Inst. Tech. 68- Address: 872 Massachusetts Ave., Apt. 707, Cambridge, Mass. 02139.
- BLANCHARD, DR. ROBERT E (UGENE). Industrial Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Chief scientist, 68- Integrated Sciences Corp., 3122 Santa Monica Blvd., Santa Monica, Calif. 90404.
- BLANEY, DR. ROBERT W. Religion, Political Science. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- BLANK, DR. DAVID EUGENE, b. Brooklyn, N.Y., Oct. 28, 36; m. 68. POLITICAL SCIENCE. B.A., Brooklyn Col., 59; M.A., Yale, 61; Ph.D. (polit. sci.), Columbia, 69. Urban renewal consult., Urban Renewal & Housing Admin., P.R., 61-63; ASST. PROF. POLIT. SCI., Wis. State, 67-69; LOUISVILLE, 69- Polit. Sci. Asn.; Latin Am. Studies Asn. Latin America; urban government and planning. Publ.: Co-auth. Comprehensive urban renewal program for the San Juan metropolitan area, *Urban Renewal & Housing Admin.*, P.R., 63; auth. Venezuela: election fact book, December 1, 1968, *Opers. & Policy Res.*, D.C., 68; co-auth. Venezuela: prospects for the future, *Hopkins Univ.*, 70. Address: Dept. of Political Science, University of Louisville, Louisville, Ky. 40208.
- BLANK, DR. JOHN E. b. Cleveland, Ohio, Dec. 5, 42; m. 66; c. 1. ARCHAEOLOGY, PALAEOECOLOGY. B.S., Case Inst. Tech., 64, M.S., 67, Ph.D. (anthrop.), Massachusetts, 70. Teaching asst. ANTHROP., Massachusetts, 67-69, instr. summer 69; ASST. PROF. CLEVELAND STATE, 69- Nat. Park Serv. res. contract, Salt Creek Reservoir, 69- Soc. Am. Archaeol. North American archaeology and palaeoecology: culture history and palaeoecology in Ohio during archaic times: 8,000-2,000 B.C. Publ.: Honey run site, In: *Studies in Ohio archaeology*, Western Reserve Univ., 67. Address: Dept. of Anthropology, Cleveland State University, Euclid Ave. at 24th St., Cleveland, Ohio 44115.
- BLANKENHEIMER, BERNARD. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Commercial attaché, For. Serv., U.S. Dept. State, 68- Address: Johannesburg, Dept. of State, Washington, D.C. 20521.
- BLANKENSHIP, DR. LLOYD VAUGHN. Political Science, Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also chmn., 89- Dept. of Political Science, State University of New York at Buffalo, 4238 Ridge Lea Rd., Amherst, N.Y. 14226.
- BLASER, DR. ARTHUR (FREDERICK), JR. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Financial attaché, U.S. Embassy, Rio de Janeiro, Brazil, 69- Address: American Embassy, APO New York 09876.
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- BLICKSILVER, PROF. JACK. Economic & Business History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
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- 69- AAAS; Psychol. Assn; Polit. Sci. Assn; Ed. Res. Assn. Educational technology, social change and national development; educational planning; educational and policy research relation to developing countries; evaluation; cognitive processes; attitude research; psychology and sociology of politics. Publ: Co-auth, Does group participation when using brainstorming facilitate or inhibit creative thinking. Admin. Sci. Quart. 3: 23-47. Satellite communications and educational TV in less developed countries. In: Working papers, President's task force on communications policy, U.S. Govt. Printing Off. 12/68 & Report of evaluation mission in educational TV, Vol. III. In: Program of educational TV for the Ivory Coast, UNESCO, 10/69. Address: Agency for International Development, U.S. Dept. of State, Washington, D.C. 20523.
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- BLOOM, DR. MARTIN. Social Psychology. See A-K Vol. 11th ed. Soc. & Behav. Vols. New position: Assoc. prof. grad. sch. soc. serv. & dir. center, soc. serv./soc. sci. interchange, Indiana Univ-Purdue Univ, 69- Address: 606 E. 46th St. Indianapolis, Ind. 46205.
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- BLOOM, DR. VICTOR, b. New York, N.Y. Aug. 17, 31; m. 54; c. 2. PSYCHIATRY. B.S. Michigan, 53, M.D., 57. Intern. Sinai Hosp. Detroit, Mich., 57-58; res. psychiat. Lafayette Clin. Detroit, Mich., 58-61; instr. PSYCHIAT, SCH. MED. WAYNE STATE, 61-63, ASST. PROF., 63- Consult, dept. psychiat., med. sch. Michigan, 68-69. Assn. Adv. Psychother.; fel. Psychiat. Assn; fel. Group Psychother. Assn; Am. Med. Assn. Psychotherapy, research and technique; group psychotherapy research and technique; prevention of suicide; problems of observers in psychotherapeutic process. Publ: Analysis of suicide in a training center, Act. J. Psychiat., 2/67; co-auth, Effect of observers on the process of group therapy, Int. J. Group Psychother., 1/69; auth, Prevention of suicide, In: Current psychiatric therapies, Grune, 70. Address: 18469 Pennington, Detroit, Mich. 48221.
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- BLOXOM, DR. BRUCE, b. Yakima, Wash. Aug. 19, 38; m. 68. PSYCHOLOGY. B.A. Yale, 61; M.S. Washington (Seattle), 62, Ph.D.(psychol), 66. U.S. Pub. Health Serv. fel. 66-68; ASST. PROF. PSYCHOL. VANDERBILT, 68- AAAS; Psychol. Assn. Measurement; personality; clinical psychology. Publ: Factorial rotation to simple structure and maximum similarity, 6/68 & A note on invariance in the mode factor analysis, 9/68, Psychol. Afrika; Effects of anger-arousing instructions on personality questionnaire performance, Ed. & Psychol. Measurement, autumn 68. Address: Dept. of Psychology, Vanderbilt University, Nashville, Tenn. 37203.
- BLUBAUGH, DR. JON A(LFRED). Communication, Education. See 5th ed. Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- BLUESTEIN, DR. VENUS W. Psychology, Education. See A-K Vol. 11th ed. Soc. & Behav. Vols. New position: Assoc. prof., 70-, Dept. of Psychology, University of Cincinnati, Cincinnati, Ohio 45221.
- BLUM, PROF. GERALD S. Psychology. See A-K Vol. 11th ed. Soc. & Behav. Vols. New position & address: Prof. & chmn., 68-, Dept. of Psychology, University of California, Santa Barbara, Calif. 93106.
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- BLUMBERG, DR. HERBERT HASKELL, b. Philadelphia, Pa. Dec. 8, 41. SOCIAL PSYCHOLOGY. A.B. Haverford Col., 63; M.A., Hopkins, 65, Nat. Sci. Found. fel. 66-67, Ph.D.(psychol), 67. Instr. psychol, Wilson Col., 67-68, asst. prof., 68-69; ASSOC. CENTER NONVIOLENT CONFLICT RESOLUTION, HAVERFORD COL., 69- Res. psychologist, inst. psychiatrist, Univ. London, 69- Psychol. Assn. Social cognition; nonviolent resolution of conflict; social research methodology. Publ: Co-ed, Nonviolent direct action; American cases, social-psychological analyses, Corpus Bks, 68; On being liked more than you like, J. Personality & Soc. Psychol. 11: 121-128; Evaluation of rating scale formats, Personnel Psychol., 18: 243-259. Address: Center for Nonviolent Conflict Resolution, Haverford College, Haverford, Pa. 19041.
- BLUME, DR. FRANK REINHART, b. Stuttgart, Germany, Feb. 12, 32; U.S. citizen, m. 57; c. 4. B.A. Oberlin Col., 53; M.A. Boston, 57; Ph.D.(soc. psychol), Claremont Grad. Sch., 66. Res. asst. exp. psychol, Mass. Inst. Tech., 56-57; instr. psychol, SAN BERNARDINO VALLEY STATE COL., 57-60, asst. prof., 60-64, chmn. dept. psychol., 64-66, CHMN. DIV. SOC. SCI., 66- Lectr., Redlands, 58 & 60; Calif. State Col. San Bernardino, 68-69; mem. staff, Center for Study of the Person, La Jolla, 70. Ment. health consult. Mass. Dept. Ment. Hyg., 68; consult, Brooks Note Pub. Co., 66-68; San Bernardino County Housing Auth., 67. U.S.A. 53-55. Psychol. Assn; Soc. Psychol. Study Social Issues. Attitude change, particularly in reference to minorities; personality changes through encounter group experiences. Publ: Study guide: psychology of human behavior; Brooks-Cole, 66. Address: 109 E. Fern Ave, Redlands, Calif. 92373.
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- BLUMENTHAL, DR. IRVING JACK. Electroencephalography, Psychiatry. See Suppl. VI to 11th ed. Phys. & Biol. Vols.
- BLUMROSEN, PROF. ALFRED W. Law. See 5th ed. Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- BLUMSTEIN, DR. PHILIP WHITNEY, b. New York, N.Y. Oct. 2, 44. SOCIOLOGY. B.A. Res. Col., 66; M.A. Vanderbilt, 67, Nat. Defense Ed. Act fel., 67-69 Nat. Sci. Found. grant, 69, Ph.D.(sociol), 70. ASST. PROF. SOCIOL., WASHINGTON (SEATTLE), 69- Sociol. Assn; Soc. Study Social Probs. Experimental social psychology; small groups; interpersonal control; social exchange; symbolic interaction; personality. Publ: Co-auth, Interpersonal strategies under conditions of gain or loss, J. Personality, 68 & Redress of distributive injustice, Am. J. Sociol., 69. Address: Dept. of Sociology, University of Washington, Seattle, Wash. 98105.
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Co-auth, History of American financial institutions, Random, (In press) & Velocity and its determinants, Fed. Reserve Bank N.Y. 70, (Address: Dept. of Economics, California State College at Dominguez Hills, 1000 E. Victoria St, Dominguez Hills, Calif. 90247.

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BODDEWYN, DR. JEAN, b. Brussels, Belgium, Feb. 3, 29; U.S. citizen; m. 55; c. 3. INTERNATIONAL BUSINESS. Commercial Eng., Louvain, 51; M.B.A., Oregon, 52; D.B.A., Washington (Seattle), 64. Mkt. research & sys. analyst, Galerías Anspach, Belgium, 52-55; time study analyst, Jantzen, Inc, Ore, 55-57; asst. prof. bus. admin, Portland, 57-64; ASSOC. PROF. INT. BUS. GRAD. SCH. BUS. ADMIN, N.Y. UNIV, 64-. Bus. consult, 64-. Ed. Int. Studies Mgt. & Orgn, 69-. Co-dir, third session, Int. Exec. Training Center, France, 68. Acad. Mgt; Asn. Ed. Int. Bus. Soc. Pub. Admin. International business, especially management, environmental and

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BOGART, DR. KENNETH PAUL. Mathematics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.

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- BOLLAND, DR. THOMAS WILLIAM. Applied Statistics, Operations Research. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: Whittemore School of Business & Economics, University of New Hampshire, Durham, N.H. 03824.
- BOLLS, DR. NATHAN J. JR. Vertebrate Zoology & Physiology. See Suppl. Vol. 1 to 11th ed, Phys. & Biol. Vols.
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- BONAR, PROF. HUGH S. JR. Modern European History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
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- BONE, PROF. HUGH ALVIN. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: No longer chmn. dept. polit. sci. New publ: Co-auth. Politics and Voters, McGraw, 2nd ed, 67. Address: Dept. of Political Science, University of Washington, Seattle, Wash. 98105.
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- BONHAM, DR. THIRWALL WILLIAM, b. Allentown, Pa. Jan. 6, 43; m. 66; c. 1. BUSINESS ADMINISTRATION, MANAGEMENT. A.B. Duke, 64, M.B.A. South Carolina, 65, Ph.D.(mgt. finance), 69. Asst. mgt. & econ. South Carolina, 65-67; asst. to dir. grad. studies, col. bus. admin. 67-69; ASST. PROF. MGT. VA. POLYTECH, 69. Perceived need deficiencies of management and union personnel. Address: Dept. of Management, Virginia Polytechnic Institute, Blacksburg, Va. 24061.
- BOOCOCK, DR. SARANE S. b. Evanston, Ill. May 7, 35; m. 57; c. 1. SOCIOLOGY. B.A. Vassar Col. 57; M.A. Rutgers, 61; Ph.D.(soc. rels), Hopkins, 66. Soc. case worker, N.J. State Bd. Child Welfare, 58-59; res. asst. & instr. sociol. Rutgers, 59-62; res. assoc. soc. rels, Hopkins, 62-68; asst. prof. SOCIOL. SOUTHERN CALIFORNIA, 68-70, ASSOC. PROF. 70. Res. grants, Carnegie Corp. 62-68; U.S. Office Ed. 66-68; NASA, 69. Co-founder & mem. bd. dirs. Acad. Games Assocs, 68- Sociol. Asn. Sociology of education; development and testing of games with simulated social environments. Publ: Co-auth. Simulation games for learning, Sage Publ, 68; auth. Toward a sociology of learning, Soc. of Ed. 66 & An innovative course in urban sociology, Am. Sociologist, 70. Address: Dept. of Sociology, University of Southern California, Los Angeles, Calif. 90007.
- BOOKBINDER, DR. LAWRENCE (JOSEPH). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Clin. psychologist, San Diego Co. Probation Dept, 68- Address: 6262 Beadnell Way, Apt. 2U, San Diego, Calif. 92117.
- BOON, DR. GERARD K. b. Leiden, Netherlands, July 17, 28; m. 56; c. 3. ECONOMIC DEVELOPMENT. B.A. Netherlands Sch. Econ. 50, M.A. 53, Ph.D. 62. Res. assoc. factor proportions in prod. div. balanced int. growth, Netherlands Econ. Inst. Rotterdam, 56-62; Rockefeller fel. Stanford, 62-63 & center int. studies, Mass. Inst. Tech. 63; assoc. prof. econ. develop. prog. Stanford, 63-66; UN EXPERT, Bank of Mex. S.A. 66-67; NAT. FI. NANCERS S.A. 67- Asst. int. econ. rels, Netherlands Sch. Econ. 57-62. Adv. Inst. Soc. Studies The Hague, Netherlands & Res. Inst. Mgt. Sci. Delft, 57. Royal Dutch Army, 2nd Lt. Am. Econ. Assn. Economic development problems: optimization combinations in industrial and agricultural production processes from a private and social view point. Publ: Economic choice of human and physical factors in production, N.Holland Pub. Amsterd., 63. Address: Av. Casillo del Morro 118, Mex. 10, D.F.
- BOONE, DR. JERRY (NEAL). Psychology, Speech Pathology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Asst. Dir. grad. affairs, Tenn. Higher Ed. Cmn. 69- Address: 800 Fifth Ave. N. Nashville, Tenn. 37219.
- BOONE, DR. LOUIS E. b. Robertsdale, Ala. May 5, 41; m. 64; c. 1. MARKETING. B.S. Delta State Col. 63; M.S. Southern Mississippi, 64, Gen. Develop. Corp. fel. 68, univ. grant. 68-69; Ph.D.(mkt). Arkansas, 69. Teaching asst. Southern Mississippi, 63-64; asst. prof. mkt. 67-69; instr. Auburn, 64-65; econ. Arkansas, 65-67; ASSOC. PROF. MKT. TULSA, 69- res. grant anal. mkt. info. systs. 69-70. Mkt. Asn. Personality trait analysis of consumer innovators; marketing information systems. Publ: Management perspectives in marketing, Dickinson, 71; Marketing strategy, C.E. Merrill, 71. The search for the consumer innovator, J. Bus. 4/70. Address: Dept. of Marketing, University of Tulsa, Tulsa, Okla. 74104.
- BOORMAN, PROF. HOWARD LYON. History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- BOORMAN, DR. JOHN THOMAS, b. New York, N.Y. Oct. 23, 41; m. 63. ECONOMIC. B.S. Le Moyne Col.(N.Y.) 63; Nat. Sci. Found. fel. Southern California, 65-67, M.A., 66, Ph.D.(econ), 68. ASST. PROF. ECON. MARYLAND, 67- Consult. U.S. Off. Ed. 68-69. Econ. Assn. Commercial banking and financial intermediaries; monetary theory and policy; international monetary arrangements. Publ: Co-auth. Topics in monetary theory, Allyn & Bacon, 70 & The crawling peg and exchange stability, Can. Econ. J. 5/70. Address: Dept. of Economics, University of Maryland, College Park, Md. 20742.
- BOOTH, PROF. DONALD RICHARD. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Nat. Sci. Found. sci. faculty fel. California, Los Angeles, 69-70. Address: 18551 Via Bravo, Villa Park, Calif. 92667.
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- BORHEGYI, DR. STEPHAN (FRANCIS). Anthropology. See 11th ed, Soc. & Behav. Vols, deceased 69.
- BORING, DR. FRANK (HENRY). Clinical Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Chief psychologist, Boston Outpatient Clin, Vet. Admin, 68- Address: 18 Skyline Dr, Wellesley Hills, Mass. 02181.
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- BORMUTH, DR. JOHN R., b. Garrett, Ind, Sept. 4, 28; m. 50; c. 3. PSYCHO-LINGUISTICS. B.A., Manchester Col, 53; A.M., Indiana, 59, Ed.D. 62. Asst. prof. Ed, California, Los Angeles, 62-67; ASSOC. PROF., Minnesota, 67-68; CHICAGO, 68- U.S. Off. Ed. grants, 63-64, 65-69 & 69-70. Participant, Conf. Learning & Ed. Standard, 65. U.S.A., 53. Psychol. Assn; Ed. Res. Assn; Nat. Coun. Teachers of English; Nat. Coun. Measurement in Ed. Psycholinguistics, particularly analysis of processes underlying comprehension of language; achievement testing; item writing theory. Publ: Implications and use of Cloze procedure in the evaluation of instructional programs, Center Study Eval, Univ. Calif., Los Angeles, 67; On the theory of achievement test items, Univ. Chicago, 70; Readability: a new approach, Reading Res. Quart, 66. Address: Dept. of Education, Judd Hall, University of Chicago, 5835 Kimbark Ave, Chicago, Ill. 60637.
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- BORNHOFFEN, DR. JOHN OSCAR. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Stephen B. Monroe Assoc. prof. money & banking, 69-, Dept. of Economics, Kalamazoo College, Kalamazoo, Mich. 49007.
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- quicentennial Forum Transportation Eng, 8/28-30/67 & Estimation of demand for food and other products assuming ordinarily separable utility, *Am. J. Agr. Econ.* 5/68. Address: 2206 N.W. 19th Lane, Gainesville, Fla. 32601.
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- lems of government policy, 68 & co-auth, The agricultural development of Argentina: a policy perspective, 69, Praeger; auth, Low investment levels in Uruguayan agriculture: some tentative explanations, Land Econ, 8/69. Address: Dept of Agricultural Economics, University of Kentucky, Lexington, Ky. 40506.
- BRANSON, DR. ROBERT K. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Independent ed. consult, 69- Address: 328 Crest Ave, Walnut Creek, Calif. 94595.
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- BRAYER, PROF. MENACHEM M(ENDEL). Biblical Literature, Hebrew. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- BRAYFIELD, DR. ARTHUR H(ILLS). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. psychol. & chmn. dept, Claremont Grad. Sch, 68- Address: 1030 Alamosa Dr, Claremont, Calif. 91711.
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- BRECHER, PROF. MICHAEL. Political Science, International Relations. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: c/o H. Nahmias, 10 Alkalay St, Jerusalem, Israel.
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- The artificial palate: a German Speech training device, Volta Rev, 7/48; Voice disorders in the schools, Spec. Cong. Ed. J. S. African Logopedic Soc, 53; The use of the international system of heraldic hatchings for the transcription of Bushman paintings, S. African Archael. Bull, 12/64. Address: Speech Clinic, St. Louis University, 15 N. Grand Blvd, St. Louis, Mo. 63103.
- BREED, DR. WARREN. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Res. & writing, 69- Address: 1839 Webster St, San Francisco, Calif. 94115.
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- BREGMAN, DR. E(LSIE) O(SCHRIN). Psychology. See 11th ed, Soc. & Behav. Vols, deceased 69.
- BREIMEIER, PROF. KENNETH H. b. Ft. Wayne, Ind. Dec. 7, 25; m. 50; c. 2. PSYCHOLOGY. A.B. Concordia Sem, 46, B.D. 49; M.A., Washington (St. Louis), 48; Ph.D.(psychol), Northwestern, 52. Dir. field ed. CONCORDIA SEM, 54-64, PROF. PASTORAL CARE & DEAN OF STUDENTS, 64- Nat. Inst. Ment. Health, fel, 67-68. Psychol. Assn. Personnel & Guid. Assn. Clinical Psychology. Address: Dept. of Practical Theology, Concordia Seminary, 801 De Mun Ave, St. Louis, Mo. 63105.
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- BRENNER, DR. HENRY R(ICHARD). Industrial Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Mgr., Manpower Resources, Xerox Corp, Xerox Square, Rochester, N.Y. 14603.
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- BRESWICK, DR. WILLIAM N. Management Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Environ. sys. specialist, 69-, Clair A. Hill & Associates, 1525 Court St, Redding, Calif. 96002.
- BRETERNITZ, PROF. DAVID A(LAN), b. Fremont, Nebr., Nov. 12, 29; m. 52; c. 3. ANTHROPOLOGY. B.A., Denver, 52; M.A., Arizona, 56. Asst. anthrop., Denver, 50-52; sr. archaeologist, South. Pac. Co, 55; curator anthrop., Mus. North. Ariz, 56-59; asst. lab. tree-ring res., Univ. Arizona, 60-61, Nat. Sci. Found. grad. fel, 61-62; ASSOC. PROF. ANTHROP., COLORADO, 66- U.S.A., 52-54, 2nd Lt. Soc. Am. Archaeol. Southwestern United States prehistory: archaeological interpretation of dated tree-ring specimens. Publ: Excavations at Nantack Village, Point of Pines, Arizona, Anthropol. Papers; Excavations at three sites in the Verde Valley, Arizona, Mus. North. Ariz. Bull; An appraisal of tree-ring dated pottery in the southwest, Anthropol. Papers, Univ. Ariz, 66. Address: Dept. of Anthropology, University of Colorado, Boulder, Colo. 80302.
- BRETTSCHNEIDER, PROF. BERTRAM D. Philosophy, Aesthetics. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
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- BREWER, DR. JOHN D. b. Chicago, Ill., May 30, 36; m. 57; c. 2. SOCIOLOGY. A.B., Chicago, 58, Woodrow Wilson fel, 58-59, Charles Richmond Henderson fel, 59-60, univ. fels, 60-63, M.A., 63, Ford Found. fel, 63-64, Ph.D.(sociol), 68. Asst. Prof. SOCIOL, California, Los Angeles, 64-68; York (Ont), 68-70 (on leave 69-70); ASSOC. PROF. WESLEYAN, 69- Sociol. Assn. Formal organization & sociology of small groups; industry and political sociology; sociology of work. Publ: Organizational patterns of supervision: a study of



- decentralization in two business organizations. In: *The sociology of organizations: basic studies*, Free Press, 70. Address: Dept. of Sociology, Wesleyan University, Middletown, Conn. 06457.
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- BREYER, DR. NORMAN LANE, b. Brooklyn, N.Y. June 9, 42; m. 65; c. 1. **EDUCATIONAL PSYCHOLOGY**. B.A. Fairleigh Dickinson, 64; M.S. Miami (Ohio), 66; Nat. Inst. Ment. Health fel, Fla. State, 66-68, Ph.D.(sch-develop. psychol), 69. Res. asst. coop. res. proj., Fairleigh Dickinson, 64; asst. bur. ed. field serv. Miami (Ohio), 64-65, asst. to Dr. Charles M. Klein, 65-66; superv. ther. & diag. human develop. clin. Fla. State, 67; psychol. intern., Devereux Found., 68; ASST. PROF. ED. PSYCHOL., CONNECTICUT, 69- Proj. co-dir., Off. Ed. study grant, 68; consult., Tredyffrin-Eastown Sch. Syst. Pa., 68. Ed. Res. Assn; Psychol. Assn. Acquisition of academic and social behaviors through the application of learning principles. Publ. Ed. Behavior modification in the classroom, MSS Ed. Pub. Co., 70; co-auth., General guidelines for conducting behavior modification programs in public school settings, 70 & Computer experiences in a school psychology training program, 70, J. Sch. Psychol. Address: Dept. of Educational Psychology, University of Connecticut School of Education, Storrs, Conn. 06268.
- BRIER, ROBERT MARTIN. Chemical Engineering, Industrial Management. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- BRITTON, DR. CLYDE A., b. Chicago, Ill. Nov. 11, 33; m. 58; c. 2. **ENGINEERING PSYCHOLOGY**. A.B. Colorado, 55; A.M. Southern California, 63, Ph.D.(psychol), 66. Mem. staff, DUNLAP & ASSOC., INC., 60-63, assoc. scientist, 63-65, sr. scientist, 65-67, managing scientist, 67-68, V.PRES., 68-69; ASST. PROF. MARYMOUNT COL., LOVELL (CALIF.), 67- U.S.N. 56-59, Lt. AAAS: Psychol. Assn; Human Factors Soc. Aviation psychology; measurement and assessment of pilot performance in night carrier landings; personnel psychology. Publ: Human factors research on visual aids to night carrier recovery, Naval Res. Rev. 2/67; Analysis of F4 aircraft day and night carrier approaches, Aerospace Med, 12/67; Operational measures of aircraft carrier landing system performance, Human Factors, 6/69. Address: Dunlap & Associates, Inc., Western Division, 1454 Cloverfield Blvd., Santa Monica, Calif. 90404.
- BRIDENSTINE, PROF. MERWYN G(RAYDON). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Emer. prof. econ. 69- College of Business Administration, University of Arkansas, Fayetteville, Ark. 72701.
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- BRIGGS, DR. PHILIP JAMES, b. New York, N.Y. July 28, 38; m. 62. **POLITICAL SCIENCE**. B.S. State Univ. N.Y. Col. Oswego, 60; M.A. Syracuse, 62. Ph.D.(soc. & polit. sci), 69. Res. adv. Syracuse, 60-62, admissions counsl., 67-68; asst. prof. soc. sci, State Univ. N.Y. Agr. & Tech. Col. Delhi, 63-65; ASSOC. PROF. **POLIT. SCI.**, EAST STROUDSBURG STATE COL., 68- U.S.C.G.R. 62-70. Polit. Sci. Assn; Acad. Polit. Sci. Acad. Polit. & Soc. Sci. Executive-congressional relations and the formulation of United States foreign policy; conflict resolution in international politics. Publ: Conflict
- as an integrating process in new nation building, Maxwell Rev. spring 68; Congress and collective security: the resolutions of 1943, World Affairs, 3/70. Address: 200 Smith St, East Stroudsburg, Pa. 18301.
- BRIGHAM, DR. BRUCE W(ODWARD), b. Rochester, N.Y. Oct. 14, 28; m. 50; c. 1. **PSYCHIOLOGY EDUCATION**. B.S. State Univ. N.Y. 49, m. 54; Ph.D. (psychol), Temple, 67. Teacher, pub. schs, N.Y. 48-54; asst. reading clin. inst. serv. dept. psychol. Temple, 54, asst. coordinator inst. serv. & superv. col. & adult reading serv. 55-56; lectr. psychol. & coordinator inst. serv. 57-65; superv. reading ed. State Dept. Pub. Instr. Del. 65-67; ASSOC. PROF. ED., MARYLAND, 67- Consult. Phila. Cerebral Palsy Assn, 57-58; reading prog. develop. LaSalle Col. 59-60; Blonics, Inc. 60-62; Gettysburg Col. 62, staff develop. prog., Hahnemann Med. Col. 63; Trenton State Col. 64; tenth ann. reading workshop, State Univ. N.Y. Col. Brockport. Mem. Consortium Assn. Concerned with Prinl. Standards in Reading, 70- Soc. Projective Tech. & Personality Assessment; Nat. Soc. Study Ed. Psychol. Assn; Nat. Coun. Measurement in Ed. Assn. Higher Ed. Acad. Polit. & Soc. Sci. Cerebral palsied young adults and reading; programming beginning reading instruction; field dependence and psycho-educational characteristics of felons; middle school development; pre- and inservice teacher education. Publ: Utilizing various approaches in college reading programs; In: Reading in a changing society, Proc. Int. Reading Assn. Conf. 59; co-ed. Reading and curriculum development, Proc. Am. Reading Inst. Temple Univ. 63; 4th, Standardized tests: their meanings on their meanings, J. Reading Specialist, 3/70. Address: Reading Center, University of Maryland College of Education, College Park, Md. 20740.
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- BRILL, DR. REGINALD. Medieval & Ancient History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- BRILL, DR. WILLIAM H(ANDFORD), b. Philadelphia, Pa. Apr. 18, 33. **POLITICAL SCIENCE**. B.A. Pa. State, 57; M.A. Pennsylvania, 62, Haney & Pennfield fel., 62-65, Ph.D.(polit. sci), 65. Asst. prof. **POLIT. SCI.**, GEORGETOWN, 64-68, ASSOC. PROF., 68- Dir. off. soc. res. Dept. Housing & Urban develop., U.S. Govt., 68- consult. Res. Anal. Corp. 64-68. U.S.A. 54-56. Polit. Sci. Assn; Acad. Polit. & Soc. Sci. Application of behavioral science research techniques to policy problems; political development with special interest in political violence; Latin America; Latin American military. Publ: Military intervention in Bolivia: the overthrow of Paz Estenssoro and the MNR, Inst. Comp. Study Polit. Sys., 67. Address: Office of Social Research, Dept. of Housing & Urban Development, Washington, D.C. 20410.
- BRIILLIANT, DR. PATRICIA J(EAN). **Clinical Psychology**. See LACKS, DR. PATRICIA BRIILLIANT, this Suppl.
- BRILLINGER, DR. DAVID ROSS. **Statistics**. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof., 70-, Dept. of Statistics, University of California, Berkeley, Calif. 94707.
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- BROOKS, DR. ROBERT (SCOTT).** Speech. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
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- BROWN, LEONARD (RALPH), b. Dayton, Ohio, Dec. 28, 20; m. 52; c. 3. ECONOMICS, URBAN-REGIONAL PLANNING.** B.A., American Univ., 59, M.A., 62; George Washington, 64-67. Engr., U.S. Navy Hydrographic Off., U.S. Dept. Navy, 42-44 & 46-51, res. analyst, Off. Naval Intel, 51-62; coord. fed. prog. coord. & recreation planning, Bur. Outdoor Recreation, U.S. Dept. Interior, 62-65, mem. youth conserv. cmt., 62-63; superv. economist, Civil Works Directorate, Off. Chief Engrs., U.S. Dept. Engrs., 58-68; RES. SCIENTIST, OFF. WATER RESOURCES RES., U.S. DEPT. INTERIOR, 68- Mem. staff, President's Recreation Adv. Coun., 62-64; mem. interagency adv group, President's Coun. Phys. Fitness, 63-64; submt. hwys, President's Appalachian Regional Coun., 63-64; cmt. water resources res., Fed. Coun. Sci. & Tech., 66-68. U.S.A., 44-46. Econ. Assn. Water resource planning and evaluation; urban and regional economics; public administration. Address: 4218 Old Columbia Pike, Annandale, Va. 22003.
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- BROWN, DR. MORTON B., b. Montreal, Can., Dec. 15, 41. STATISTICS.** B.Sc., McGill, 62; M.A., Princeton, 64, Ph.D.(math), 65. Asst. res. statistician, California, Los Angeles, 65-68; VIS. LECTR. STAT., TEL-AVIV, 68- Statist. Assn; Biomet. Soc. Applied statistics; biostatistics. Address: Dept. of Statistics, Tel-Aviv University, Tel-Aviv, Israel.
- BROWN, DR. NORMAN LOOSE, b. Wichita, Kans., Dec. 21, 16; m. 39; c. 4. ECONOMICS.** A.B., Kansas, 38, J.D., 40; Nat. Defense Ed. Act fel. La. State, 60-63, Ph.D.(econ), 63. Private practice law, 40-60; instr. bus. Friends, 59-60; ASSOC. PROF. ECON., VA. POLYTECH., 63-. U.S.N., 44. Econ. Assn; Bus. Law Assn. Micro economic theory; macro economic theory; business law. Publ: Co-auth, The economics of the right to work controversy revisited, South Econ. J., 1/69. Address: Dept. of Economics, Virginia Polytechnic Institute, Blacksburg, Va. 24060.
- BROWN, DR. REX VANDESTEENE, b. London, Eng., Sept. 25, 33; m. 65; c. 3. STATISTICS.** B.A., Cambridge, 57, M.A., 60, fel, 62-63; London Sch. Econ., 57-58; D.B.A., Harvard, 68. Mem. staff mkt. res., Wallace Attwood Co., 58-60; proj. leader, Martech Consults, Ltd., 60-62; head res., Metra Consult Group, 63-64; lectr. decision theory, Harvard Bus. Sch., 64-68; ASSOC. PROF., BUS. ADMN. MICHIGAN, 68. Mkt. Sci. Inst. res. grant, 68-70. Consult, Metra Int. Consult. Group, 64-67; Ford Motor Co., 69-. R.N., 52-54. Inst. Mgt. Sci.; Oper. Res. Soc.; fel. Royal Statist. Soc.; fel. Brit. Inst. Statist. (C. Oswald George award, 67). Statistical decision theory; sample survey methodology; Bayesian inference; credence analysis; marketing research. Publ: Research and the credibility of estimates, Harvard Bus. Sch., 69; co-auth, Marketing research and information systems, McGraw, 69; auth, Do managers find decision theory useful?, Harvard Bus. Rev., 70. Address: Dept. of Business Administration, University of Michigan, Ann Arbor, Mich. 48104.
- BROWN, DR. RICHARD EUGENE, b. Little Falls, N.Y., June 30, 37; m. 61; c. 2. POLITICAL SCIENCE, PUBLIC ADMINISTRATION.** A.B., Hope Col., 59; M.P.A., Michigan, 62; M.P.A., Harvard, 66, D.P.A., 68. Admin. asst., Nat. Security Agency, 60-61; mgt. intern. off. gen. mgr., Tenn. Valley Authority, 61-62, financial analyst, 62-68, asst. to gen. mgr., 68-69; ASSOC. PROF. PUB. ADMN., COL. WILLIAM & MARY, 69-. Vis. Lectr., Knox, 69-. Knoxville, 65. Consult, U.S. Gen. Acct. Off. & Senate Cmt. Govt. Oper., 69-70; NASA,

- summer 70. Soc. Pub. Admin; Polit. Sci. Assn. Acad. Polit. & Soc. Sci. Legislative review of executive operations; organizational theory, particularly organization long-range planning and performance evaluation; design of governmental institutions to solve public policy problems. Publ: The GAO: untapped source of congressional power, Univ. Tennessee, 70; co-auth, Tributary area development: TVA's approach to sub-regional development, Land Econ, 2/69; auth: The invisible hand in management: a fable?, Personnel J, 2/70. Address: Dept. of Government, College of William & Mary, Williamsburg, Va. 23185.
- BROWN, DR. ROBERT ADKINS, b. Richmond, Va, Mar. 18, 36; m. 63; c. 4. PSYCHOLOGY. B.A. Monmouth, 59; U.S. Pub. Health fel, Iowa, 60-61, M.A., 61, Ph.D.(clin. psychol.), 62. Psychol. trainee, Vet. Admin. Hosp, Iowa City, 59-60 & 61-62; from instr. to ASSOC. PROF. PSYCHOL, SOUTHWEST MED. SCH, TEXAS, 62- Assoc. consult. staff, Parkland Mem. Hosp, 62- Psychiat. consult, Columbia Proj, Peace Corps, El Paso, Tex, 62-63; voc. consult, bur. hearings & appeals, Soc. Security Admin, 64-66; psychol. consult, Family Counseling & Children's Serv, Waco, Tex, 64-67; consult, Methodist Home, Waco, 64-; Wichita Falls State Hosp, Tex, 65- Mem. hosp. staff develop. cmt, Nat. Inst. Ment. Health, 69-72. Psychol. Asn. Group and family psychotherapy; psychological aspects of physical disability; community psychology. Publ: Co-auth, Kuder-Strong discrepancies and personality adjustment, J. Counseling Psychol, 11: 63-66; auth, Work decrement, Kinesesthetic after-effect and personality, J. Personality & Soc. Psychol, 2: 868-872; co-auth, The Peabody picture vocabulary test as a measure of general adult intelligence, J. Consult. & Clin. Psychol, 34: 8-11. Address: 5323 Harry Hines Blvd, Dallas, Tex. 75235.
- BROWN, DR. ROBERT T. b. Greenwich, Conn. Jan. 3, 40; m. 64; c. 1. DEVELOPMENTAL & EXPERIMENTAL PSYCHOLOGY. A.B. Hamilton Col, 61; U.S. Pub. Health Serv. fel, Yale, 63-65, Ph.D.(psychol), 66. Vis. asst. prof. PSYCHOL, Col. William & Mary, 67-68; ASST. PROF. NORTH CAROLINA, CHAPEL HILL, 68- U.S. Pub. Health Serv. fel, Sussex, 65-67. U.S.M.C., 58-64. AAAS: Asst. Study Animal Behav; Psychonomic Soc; Psychol. Asn; N.Y. Acad. Sci. Effects of early environment on later behavior; formation of social attachments; effects of instrumental discrimination learning on extinction; comparisons between effects of extinction and effects of punishment. Publ: Co-auth, Resistance to punishment and extinction following training with shock or nonreinforcement, J. Exp. Psychol, 64: Generalized partial reinforcement effect, 65 & auth, Early experience and problem-solving ability, 68, J. Comp. Physiol. Psychol, 11: 275-283. Address: Dept. of Psychology, University of North Carolina, Chapel Hill, N.C. 27514.
- BROWN, DR. STEPHEN WILLIAM, b. West Monroe, La, Jan. 19, 36; m. 62. EDUCATIONAL PSYCHOLOGY. B.A. Northeast La. State Col, 58; M.Ed., La. State, 62; Ed.D.(sch. admin. ed. psychol), Miss. State, 69. House dir., Northwest State Col, 67-68; asst. ed. psychol, 67-68; ASST. PROF. PSYCHOL, behav. sci, Dallas, 68-; ED. AUBURN, MONTGOMERY, 70- U.S.A.R., 69- Psychol. Asn; Personnel & Guid. Asn. School administration; maternal employment and juvenile delinquency. Address: 5659 Calmar Dr, Apt. J, Montgomery, Ala. 36111.
- BROWN, DR. STEPHEN WOODY. Psychology, Education. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir. ed., 69-, Medical Television Network, University of California School of Medicine, 10962 Le Conte St, Los Angeles, Calif. 90024.
- BROWN, DR. THEODORE MORRIS. History of Science & Biology. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- BROWN, PROF. WILLIAM GALEN. Agricultural Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 720 N.W. 31st St, Corvallis, Ore. 97330.
- BROWN, DR. WILLIAM O(SCAR). Sociology. See 11th ed, Soc. & Behav. Vols, deceased 69.
- BROWN, DR. WILSON B. b. Glen Ridge, N.J, Apr. 12, 38; m. 63; c. 1. ECONOMICS, INTERNATIONAL BUSINESS. A.B. Brown, 61; M.A. Fletcher Sch. Law, 62, M.A.L.D., 63, Ph.D., 66. ASST. PROF. econ, Colby Col, 64-69; INT. BUS. NORTHWESTERN ILLINOIS, 69- Development of Peruvian exports since 1900; foreign exchange and Eurodollar; international finance; firm's adjustment to import competition. Address: 141 Mason Ct, Sycamore, Ill. 60178.
- BROWNE, DR. DONALD R. Mass Communications. See 5th ed, Dir. Am. Scholars, Vol. II, Eng, Speech & Drama.
- BROWNE, PROF. MICHAEL. Communication & Theatre Arts. See 5th ed, Dir. Am. Scholars, Vol. II, Eng, Speech & Drama.
- BROWNING, PROF. GRAINGER B. Weldon, N.C., Nov. 5, 17; m. 47; c. 2. SOCIOLOGY. A.B. Shaw, 39; M.A. Boston, 46, Ph.D.(sociol), 62. Instr. social, Agr. & Tech. Col.(N.C.), 47-49; dir. older men's, Ellis Mem. Settlement, Boston, 52-53; instr. psychol, Mass. Inst. Tech, 53-54; asst. prof. social, J.C. Smith Univ, 54-58; community organizer, United S&E Settlements, Boston, 58-62; assoc. prof. SOCIOLOG, Hampton Inst, 63-66; PROF. FITCHBURG STATE COL, 66- Soc. Asn. Urban sociology; social work. Publ: Co-auth, Negro population patterns in the Mid-South, Hampton Annual, 65. Address: 15 Cedar St, Fitchburg, Mass. 01420.
- BROWNING, DR. RUFUS CHARLES. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Asst. to pres, Montgomery Col, 69- Address: 2213 Parker Ave, Silver Spring, Md. 20902.
- BROWNLEE, DEAN R(EBECA) JEAN. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: The Dorchester, 226 S. 19th St, Apt. 1712, Philadelphia, Pa. 19103.
- BRUCE, HARRY JAMES. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. distribution, Jos. Schlitz Brewing Co. Inc, 69-
- New publ: Transportation and distribution handbook, Cahners, 70. Address: 1059 Crestview Dr, Barrington, Ill. 60010.
- BRUCE, DR. JAMES MARTIN, b. Shawnee, Okla, June 29, 36; m. 64. SOCIOLOGY. A.B. Oklahoma, 61, A.M. 65; Nat. Inst. Ment. Health fel, Brown, 65-68, Nat. Sci. Found. grant, 67-68, Ph.D.(sociol), 69, Claims rep. Dept. Health, Ed. & Welfare, 61-64; ASST. PROF. SOCIOLOG, MT. HOLYOKE COL, 68-, faculty res. grant, summer 69. U.S.A., 67-60. Sociol. Asn; Prof. Asn. Am; Soc. Sci. Study Relat. Social mobility and its relationship to social participation and class boundaries. Publ: Intragenerational occupational mobility & visiting with kin and friend, Soc. Forces, 70. Address: Dept. of Sociology, Mt. Holyoke College, South Hadley, Mass. 01075.
- BRUCE, DR. MARTIN M(ARC). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New publ: A guide to human relations in business and industry. M. M. Bruce, 69. Address: 340 Oxford Rd, New Rochelle, N.Y. 10804.
- BRUCK, DR. NICHOLAS K. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Correction: Int. economist, Inter-Am. Develop. Bank, 68- New information: Prof. lectr, American Univ. Address: 13005 Foxden Dr, Potomac, Md. 20850.
- BRUCKER, DR. ERIC, b. Cheltenham, Pa, Dec. 7, 41; m. 65; c. 1. ECONOMICS. B.A. Delaware, 63, Ph.D.(econ), 64, Nat. Inst. Econ. Data, 64-65; ASST. PROF. Southern Illinois, 66-70; DELAWARE, 70- Econ. Asn; Finance Asn. Empirical analyses of the structure and functioning of local banking markets, particularly competitive factors. Publ: The structure and performance of Southern Illinois banking, Bus. Perspectives, spring 69. Address: Dept. of Economics, University of Delaware, Newark, Del. 19711.
- BUELL, DR. CHRISTOPHER JOHN, b. Brooklyn, N.Y., Dec. 11, 42; m. 63; c. 1. POLITICAL SCIENCE. B.A. Cornell, 64; univ. fel, Chicago, 64-67. M.A. 66. Nat. Sci. Found. fel, 67-69. Woodrow Wilson fel. & Ph.D.(polit. sci), 69. ASST. PROF. POLIT. SCI. BOSTON COL, 69- Polit. Sci. Asn. Classical political philosophy: Greek history and literature; modern political philosophy. Address: Dept. of Political Science, Boston College, Chestnut Hill, Mass. 02167.
- BRUENING, DR. JOSEPH HERBERT. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Correction: Asst. prof, 60-69, assoc. prof, 69-, Dept. of Sociology, University of Mississippi, University, Miss. 38677.
- BRUHN, DR. JOHN GLYNDON. Medical Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. human ecol. & chmn. dept, 69-, School of Health, University of Oklahoma Medical Center, 800 N.E. 13th St, Oklahoma City, Okla. 73104.
- BRUNING, DR. ROGER H. b. Brumling, Nebr, Mar. 7, 42; m. 65; c. 1. EDUCATIONAL PSYCHOLOGY. B.A. Nebraska, 63, M.A., 65, Ph.D.(ed. psychol), 68. ASST. PROF. ED. PSYCHOL, NEBRASKA, LINCOLN, 68- Consult. Nebr. TV Coun. on Nursing Ed, 69- AAAS; Ed. Res. Asn; Psychol. Asn. Learning from written materials; short term retention. Publ: Effects of review and test like events within the learning of prose materials, 68 & Short term retention of specific factual information in prose contexts of varying organization and relevance, 70, J. Ed. Psychol. Address: Dept. of Educational Psychology, University of Nebraska Teachers College, Lincoln, Nebr. 68508.
- BRUNN, DR. STANLEY D(AVID). Geography. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof, 69-, Dept. of Geography, Michigan State University, East Lansing, Mich. 48823.
- BRUNNER, DR. G(EOGE) ALLEN, b. Marion, Ohio, Sept. 2, 32; m. 52; c. 2. MARKETING, BUSINESS. B.B.A. Toledo, 57, M.B.A. 59; Fred B. & Mabel Dean Hill fel, Ohio State, 62, Ph.D.(bus), 64. Instr. MKT, Ohio State, 62-63; asst. prof, Maryland, 63-67; ASSOC. PROF. TOLEDO, 67- U.S.A. 53-55. Mkt. Asn. Minority enterprise; improvement of field data gathering techniques; transportation; personal bankruptcies. Publ: Personal bankruptcies: trends and characteristics, Bur. Bus. Res. Ohio State Univ, 65; co-auth, The effect of prior notification on the refusal rate in fixed address surveys, J. Advert. Res, 3/69 & Marketing and minority enterprise: opportunity or syndrome, Am. Mkt. Asn, 12/69. Address: College of Business Administration, University of Toledo, Toledo, Ohio 43606.
- BRUNSHWIG, DR. LILY. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Park Dr. Manor B 1201, Philadelphia, Pa. 19144.
- BRUSH, DR. EDWIN FRANKLYN, JR. Chemical Metallurgy, Materials Science. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- BRUSH, PROF. FRANKLIN ROBERT. Experimental Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Ed, Learning & Motivation. Address: Dept. of Medical Psychology, University of Oregon Medical School, 3181 S.W. Sam Jackson Park Rd, Portland, Ore. 97201.
- BRUYERE, DR. DONALD EUGENE. Geography. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn, 69-, Dept. of International Studies, Wisconsin State University, Oshkosh, Wis. 54901.
- BRYAN, DR. FREDERICK ALLEN, JR. Physics, Mathematics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- BRYAN, DR. GLENN L(EVAN). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. psychol. sci. div, 69-, Office of Naval Research, Code 450, Washington, D.C. 20360.
- BRYAN, PROF. RICHARD W(ALKER). Economics, Finance. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Business Administration, Athens College, Athens, Ala. 35611.
- BRYANT, (ARTHUR) LYNN. Economics, Management. See Suppl. V to 11th ed, Phys. & Biol. Vols.



- BRYANT, DR. HAROLD L. b. Somerset, Ky. Dec. 12, 34; m. 60; c. 2. ECONOMICS. B.S., Cincinnati, 62, M.A., 63, M.C.P., 65, Ph.D.(econ), 67. ASST. PROF. ECON. Center Col. 65-67; XAVIER (OHIO), 67- Consult, U.S. Army Corps Engrs, 68-69. U.S.A.F., 54-58. Econ. Assn. International monetary problems: regional economics, especially water pollution. Publ: Co-auth, incidence and formation of mine drainage pollution, Appalachian Regional Cmn, 69 & chaps, In: Development of water resources in Appalachia, U.S. Army Corps Engrs, 70. Address: Dept. of Economics & Finance, Xavier University, Cincinnati, Ohio 45207.
- BRYANT, DR. VAUGHN M(OTLEY). Anthropology, Botany. See 12th ed, Phys. & Biol. Vols.
- BRYCE, MURRAY DAVIDSON. Economics, Public Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Pres. Can. Proj. Ltd, 68- Address: 1123 Crestline Rd, West Vancouver, B.C., Can.
- BRYNTESON, DR. WILLIAM EVERETT. History. See 5th ed, Dir. Am. Scholars, Vol. 1, Hist.
- BRYSON, PROF. KENNETH D. Speech. See 5th ed, Dir. Am. Scholars, Vol. II, Eng, Speech & Drama.
- BRYSON, PROF. MARION R(ITCHIE). Mathematical Statistics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Tech. dir., 68- U.S. Army Institute of Systems Analysis, Ft. Belvoir, Va. 22060.
- BUCHANAN, DR. BRUCE S. Computer Science. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- BUCHANAN, DR. DONALD A(LAN). Experimental Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-, Purdue University, 1201 E. 38th St, Indianapolis, Ind. 46205.
- BUCHANAN, DR. GARTH NORMAN. Experimental Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Sr. res. staff & proj. dir, Urban inst, 69- Address: 6362 Dockser Terr, Falls Church, Va. 22041.
- BUCHANAN, PROF. RANDALL L. Social Studies. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- BUCK, DR. JAMES R. b. Big Rapids, Mich, Feb. 22, 30; m. 62; c. 2. INDUSTRIAL ENGINEERING. B.S., Michigan Tech, 52, M.S., 53; Ph.D.(industrial eng), Michigan, 64. Mat. engr, U.S. Naval Civil Eng. Res. & Eval. Lab, Calif, 52-53; construct. officer, U.S. Naval Civil Eng. Corps, San Diego, Calif, 53-56; field rep., Calumet Flexicore Corp, Ind, 57-58; instr. math. & tech. instr., Ferris State Col, 58-59; res. asst., inst. sci. & tech, Univ. Michigan, 60-62; asst. prof. eng. instr., Univ. Michigan, Dearborn, 63-64; ASSOC. PROF. INSTR. & RES. SCH. INDUSTR. ENG. PURDUE, 65- Civil Eng. C, U.S.N. Lt.(Ret). Sr. mem. Am. Inst. Indust. Eng; Tech. Inst. Mgt. Sci. Am. Soc. Eng. Ed; Human Factors Soc. Decision making; problem solving; search behavior; engineering economics, human factors. Address: School of Industrial Engineering, Purdue University, Lafayette, Ind. 47903.
- BUCK, DR. LUCIEN ALAN, b. Boston, Mass, Nov. 30, 30; m. 54; c. 4. PSYCHOLOGY. B.A., Massachusetts, 57, M.S., 60, Ph.D.(psychol), 62. Clin. psychologist, Vet. Admin. Hosp., Northampton, Mass, 62-63; ASSOC. PROF. PSYCHOL., DOWLING COL., 63- Consult, Cleary Sch. Deaf, Lake Ronkonkoma, N.Y., 66- Suffolk County Hearing & Speech Center, Bay Shore, N.Y., 67- Dipl. Am. Bd. Exam. Prinl. Psychol, 66. U.S.A., 51-54. AAAS; Psychol. Assn. Perception; psychotherapy; states of consciousness; education. Publ: Co-auth, Perceptual categorization of love and anger cues in schizophrenia, J. Abnorm. & Soc. Psychol, 67; 480-490 & A theory of communication in psychotherapy, Psychother: Theory, Res. & Practice, 3, 7-13, Varieties of consciousness: comparison of some cognitive characteristics, Perceptual & Motor Skills, 30: 183-186. Address: Dept. of Psychology, Dowling College, Idle Hour Blvd, Oakdale, N.Y. 11769.
- BUCK, PROF. MARION (ASHBY). Economics, Government. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Chmn, Dept. of Economics, California State College at Dominguez Hills, Dominguez Hills, Calif. 90247.
- BUCK, DR. VERNON ELLIS. Industrial Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 68- Graduate School of Business Administration, University of Washington, 322 Mackenzie Hall, Seattle, Wash. 98105.
- BUCKHOULT, DR. ROBERT. Experimental & Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Vis. asst. prof, 69-, Dept. of Psychology, University of California, Berkeley, Calif. 94720.
- BUCKINGHAM, DR. GUY EMERSON. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. prof., Allegheny Col, 69- Address: 393 Byllesby Ave, Meadville, Pa. 16335.
- BUCKLEY, DR. ARTHUR EDWARD, b. Fall River, Mass, Feb. 26, 18; m. 51; c. 2. ECONOMICS, TRANSPORTATION. B.S., Alabama, 39, M.S., 56, fel., 64-66, Ph.D., 66. ASST. PROF. BUS. ADMIN., THE CITIDEL, 66- Lectr., Far East prog, Univ. Maryland, 57-; ext. dir, Univ. South Carolina, 67-, sch. med, 68-; fel., Case Western Reserve, 69. U.S.A., 41-46, Res. 48-63, Lt. Col.(Ret). Marketing. Address: 200 Grove St, Charleston, S.C. 29403.
- BUCKLEY, PROF. LOUIS (FRANCIS). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Prof, 69-, Dept. of Economics, Loyola University, 820 N. Michigan Ave, Chicago, Ill. 60611.
- BUCKLEY, DR. PAUL ANTHONY. Ethology, Avian Biology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- BUCKLEY, PROF. PAUL V(ERN). Educational Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Asst. prof. psychol. & dir. grad. center, Pepperdine Col, Anaheim, 89- Address: 900 Howard St, Corona, Calif. 91720.
- BUCKLEY, PROF. WALTER. Sociology, Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, 70-, Dept. of Sociology, University of California, Santa Barbara, Calif. 93106.
- BUDNER, DR. STANLEY. Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. res. & demonstration center, 68-, School of Social Service, Fordham University, Lincoln Center, New York, N.Y. 10023.
- BUECHNER, DR. JOHN C. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. dean, 69-, College of Arts & Sciences, University of Colorado, Denver Center, 1100 14th, Denver, Colo. 80202.
- BUERGENTHAL, PROF. THOMAS. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- BUEHLER, DR. DAVID E. b. Jersey City, N.J., May 3, 33; m. 63; c. 2. GEOGRAPHY, CLIMATE, PHYS. B.Mgt. Eng, Rensselaer Polytech, 55; M.S., Columbia, 59; Ph.D.(geog), Clark, 65. Jr. gas engr, N.Y. State Pub. Serv. Cmn, 55; mgt. analyst, Port of New York Authority, 59-60; lectr. polit. geog, Boston Univ, 61-62; consult. planner, Candeb, Fleissig & Assoc, Mass, 61-62; Charles Downe Co, 62; ASST. PROF., inst. geog, Rhode Island, 62-66; GEOG, STATE UNIV. N.Y. ALBANY, 66- Consult, N.Y. State Ed. Dept, 67-68; Dept. Energy, Mines & Resources, Fed. Govt, Can, 69- Mem. Int. Oceanog. Found., U.S.N.R., 55-59; U.S.C.G.R. 66- Lt. AAAS. Am. Geog. Soc. Marine resources identification, development and exploitation, especially economic, social and legal aspects; urban geographic phenomena, specifically cities and their relationships with their hinterlands. Publ: Teaching the age of the city: Megalopolis, Soc. Sci. Div, Dept. Ed, N.Y. State, 70; Research priorities in the social and economic framework of marine resources, Dept. Energy, Mines & Resources, Fed. Govt. Can. Address: Dept. of Geography, State University of New York at Albany, Albany, N.Y. 12203.
- BUGENTAL, DR. DAPHNE E. b. Santa Barbara, Calif, Jan. 31, 28; m. 50; c. 2. PSYCHOLOGY. B.A., California, Los Angeles, 52, U.S. Pub. Health Serv. fel, 59, Ph.D.(psychol), 64. Asst. prof. in residence, CALIFORNIA, LOS ANGELES, 64 & 66, ASST. RES. PSYCHOLOGIST, 65- Non-verbal communication; social perception; social influence and industrial social psychology. Publ: Accuracy of self-perception and group-perception as related to two leadership roles, J. Abnorm. & Soc. Psychol, 58; co-auth, Intrinsic and extrinsic job motivations among different segments of the working population, J. Appl. Psychol, 66; auth, Child versus adult perception of evaluative messages in verbal, vocal and visual channels, Develop. Psychol, 70. Address: 11548 Clover Ave, Los Angeles, Calif. 90066.
- BUKOVSKY, A(LEXIS) P(AUL). Transportation Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Consult, Robert R. Nathan Assocs, Inc, 69- Address: 3336 Broad Branch Terr. N.W., Washington, D.C. 20008.
- BUKTEINICA, DR. NORMAN AUGUST, b. Chicago, Ill, May 27, 30; m. c. 2. EDUCATIONAL PSYCHOLOGY. B.A., Wabash Col, 52; M.A., Roosevelt, 56; Ph.D.(ed. sch. psychol), Chicago, 66. Intern & psychologist, Levinson Hs. Found, Chicago, Ill, 55-58; clin. asst. psychologist, Ill. Dept. Pub. Instr., Galesburg & Elgin, 58-59; sch. psychologist, Proviso Twp. Dept. Ed. Except. Children, Maywood, Ill, 59-66; instr. dept. psychiat, Stritch Sch. Med, Loyola (Ill), 66-67; ASSOC. PROF. PSYCHOL., GEORGE PEABODY COL., 67- Asst. assessment officer, Peace Corps training prog. for Pakistan, Univ. Chicago, 63, staff assoc. cmn. ed. psychol, 63-65; psychologist, Woodlawn Mental Health Center, 64-67; Proj. Head Start, Maywood, Ill, 65-67; coordinator psychol. & ed. assessment team State Dept. Ed, Hawaii, 66; co-dir. consult. serv., John J. Madden Zone Center & Dept. Ment. Health, Ill, 66-67. Ed. consult, J. Sch. Psychol, 67- U.S.A., 52-54. Asn. Mental Deficiency, Ed. Res. Assn; Psychol. Assn. Early assessment of auditory and visual perceptual characteristics of children to prevent perceptual and adaptational problems in schools. Publ: Co-auth, Berry-Buktenica visual-motor integration test, Follett, 67; auth, Visual learning, Dimensions Pub. Co, San Rafael, Calif, 68 & Test of non-verbal auditory discrimination (TENVAD), privately pub, exp. ed. 68. Address: Dept. of Psychology, Box 512, George Peabody College for Teachers, Nashville, Tenn. 37203.
- BULKLEY, DR. JONATHAN WILLIAM. Political Science, Civil Engineering. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof, 68-, University of Michigan, 272 West Engineering, Ann Arbor, Mich. 48104.
- BULL, PROF. CHARLES M. b. Joplin, Mo, Mar. 24, 19; m. 42; c. 2. BUSINESS MANAGEMENT, ECONOMICS. B.S., Oklahoma, 49, M. B., 50; Ph.D. (bus. orgn. & mgt), Nebraska, Lincoln, 67. Prof. MKT., NEBRASKA, OMAHA, 50-67, FREDERICK W. KAYSER PROF., 67- CHMN. DEPT., 50- U.S.A.R., Maj. Mkt. Assn. Business administration and organization; marketing of natural gas. Address: Dept. of Marketing, University of Nebraska at Omaha, Omaha, Nebr. 68101.
- BULL, ELWYN (MAURICE). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Staff economist, off. v. pres. econ. polt. & soc. sci, 69-, Research Analysis Corp, Westgate Research Park, McLean, Va. 22101.
- BULL, DR. PATRICIA (ANN). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Ed. consult, 68-, Capital District Regional Educational Center, 815 Central Ave, Albany, N.Y. 12206.

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- BULLER, DR. ORLAN H. b. Goessel, Kans. Dec. 28, 27; m. 53; c. 2. AGRICULTURAL ECONOMICS. B.S., Kansas State, 58, M.S. 59; Ph.D.(agr. econ), Mich. State, 65. AGR. ECONOMIST, KANSAS STATE, 63- U.S.A. 53-55. Econ. Asst; Agr. Econ. Asn. Economics; production economics; farm management. Publ: Co-auth, Measuring the effect of weather on crop production, Can. J. Agr. Econ, 2/69. Address: Dept. of Agricultural Economics, Kansas State University, Manhattan, Kans. 66502.
- BULLOCK, DR. CHARLES SPENCER, III, b. Nashville, Tenn. July 22, 42; m. 65; c. 2. POLITICAL SCIENCE. A.B., William Jewell Col. 64; Emory, 64-65; M.A., Washington (St. Louis), 67, Ph.D. 68. Vis. instr. POLIT. SCI., Southern Illinois, 68; ASST. PROF. GEORGIA, 68-, UNDERGRAD. DIR. 69-Polit. Sci. Asn. Policy analysis; legislative behavior. Publ: Co-ed, The new politics, McGraw, 70; co-auth, Committee reassignments of southern Democratic congressmen, 5/69 & auth, Apprenticeship and committee assignments in the house of representatives, 8/70, J. Polit. Address: Dept. of Political Science, University of Georgia, Athens, Ga. 30601.
- BULLOCK, PROF. H(ENRY) A(LLEN). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. hist. & social, 69-, Dept. of History, University of Texas, Austin, Tex. 78712.
- BULLOCKUS, DR. THEODORE. Economics, Operations Analysis. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. res. Res. Affiliates, 70- Address: 741 Tenth St, Santa Monica, Calif. 90402.
- BUNCH, HOWARD McRAVEN. Transportation Economics, Marketing. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: V.pres. mkt, 68-, Olson Labs, Inc, 22805 Michigan Ave, Dearborn, Mich. 48124.
- BUNCH, DR. RALPH E(LLIOTT), b. Portland, Ore. Apr. 11, 27; m. 65; c. 3. POLITICAL SCIENCE. B.S., Lewis & Clark Col., 51; M.A. Oregon, 61, Ph.D. (polit. sci), 68. Chmn. soc. sci. div, Wenatchee Valley Col., 64-66. Instr. POLIT. SCI., Portland State Col., 66-68; asst. prof, North Texas State, 68-70; ASSOC. PROF., PORTLAND STATE, 70- U.S.N.R., 45-46. Polit. Sci. Asn. Political socialization; behavioral methodology. Publ: A scheme for micro-macro analysis of political attitudes, West. Polit. Quart. (in press). Address: Dept. of Political Science, Portland State University, Portland, Ore. 97207.
- BUNDERSON, DR. C(CHARLES) VICTOR, b. Ogden, Utah, June 10, 37; m. 60; c. 5. EDUCATIONAL PSYCHOLOGY, COMPUTER SCIENCE. B.S., Utah, 61; Southern California, 62-63; Ph.D.(psychol), Princeton, 65. DIR. COMPUT.-ASSISTED INSTR. LAB, TEXAS, AUSTIN, 65-. Proposal rev. consult. Nat. Sci. Found; consult. adv. cmt, U.S. Army Safeguard Training Prog; assisted instr. Ceir, inc; nat. adv. cmt, Nat. Center Ed. Media & Mat. for Handicapped; Airlie Found, D.C.; adv. ed. J. Ed. Psychol. Mem. adv. cmt, grad. prog. comput. in ed. & eval. cmt, Ed. Admin. Training & Fel. Proj., City Univ. New York; mem. constitution drafting cmt, Asn. Develop. Instr. Sys. Psychol. Asn; Asn. Comput. Mach; Ed. Res. Asn; Asn. Develop. Instr. Sys. (chmn, 70-72). Instructional design and systems development for computer-assisted instruction. Publ: Transfer of mental abilities at different stages of practice in the solution of concept problems, Ed. Testing Serv. Res. Bull, 67; co-auth, The effect of decision-rule instruction upon the relationship of cognitive abilities to performance in multiple-category concept problems, J. Ed. Psychol., 69; Can. J. Ed. Psychol., 69. The computer and instructional design. In: Computer-assisted instruction, testing and guidance, Harper, 70. Address: Computer-Assisted Instruction Lab, 312 Sutton Hall, University of Texas at Austin, Austin, Tex. 78712.
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- BUNZEL, PROF. JOHN HARVEY. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Vis. scholar, Center. Adv. Study Behav. Sci, 69-70. Address: Dept. of Political Science, San Francisco State College, San Francisco, Calif. 94132.
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- BURGER, DR. HENRY G. Cultural Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. anthropol. & ed, 69-, University of Missouri, Epperson House, Kansas City, Mo. 64110.
- BURGER, DR. PHILIP C, b. Elgin, Ill., Sept. 22, 40; m. MARKETING. B.S., Ill. Inst. Tech, 62; M.S., Purdue, 63, fel. & Ph.D.(indust. admin), 68. ASST. PROF. MKT., NORTHWESTERN, 68- Lectr., Adv. Mgt. Res., Inc., N. Y., 69. Consult., Erick & Lavidge, Inc., Ill., 68-; Mgt. Res. & Planning, Inc., 70- Mkt. Asn. Consumer choice behavior models; consumer response forecasting. Publ: Co-auth, Can new product buyers be identified?, J. Mkt. Res., 11/67; auth, Developing forecasting for new products, 8/68 & A computerized library system for market research, 8/69, Proc. Am. Mkt. Asn. Address: Northwestern University School of Management, Evanston, Ill. 60201.
- BURGESS, DR. GEORGE (GRAYDON). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Res. psychologist, U.S. Army Resources Res. & Develop. Center, 70- Address: 10209 Windsor View Dr, Potomac, Md. 20854.
- BURGESS, DR. ROBERT LEE, b. Long Beach, Calif. June 24, 38; m. 59; c. 2. SOCIOLOGY, SOCIAL PSYCHOLOGY. B.A., Calif. State Col. Long Beach, 62; M.A., Washington (St. Louis), 64, Ph.D.(sociol), 69. Acting asst. prof. SOCIOL., WASHINGTON (SEATTLE), 65-68, asst. prof, 68-69, ASSOC. PROF. 69- U.S.N., 56-58. Sociol. Asn. Experimental analysis of basic social processes such as cooperation, exchange and imitation; deviant behavior. Publ: Co-auth, Behavioral sociology; the experimental analysis of social process, Columbia Univ, 69; Differential association-reinforcement theory of criminal behavior, Soc. Probs, 66; auth, Communication networks: an experimental re-evaluation, J. Exp. Soc. Psychol., 68. Address: Dept. of Sociology, University of Washington, Seattle, Wash. 98105.
- BURGESS, DR. ROBERT W(LBUR). Statistics. See 11th ed, Soc. & Behav. Vols, deceased 69.
- BURKARD, SISTER AGNES MARY, S.S.N.D., b. Green Bay, Wis. Jan. 3, 09. EDUCATION, L. PSYCHOLOGY. B.A., Mt. Mary Col., 41; M.A. Marquette, 49; Ph.D.(ed. psychol), Loyola (Ill), 58. Teacher elem. schs, Archdiocese Milwaukee, 30-46, prin, 39-46, teacher sec. sch, 46-49; supvr. elem. & sec. schs, Diocese La Crosse, 49-55; PROF. ED. & PSYCHOL., MT. MARY COL., 59- Dean studies, Notre Dame of the Lake Col., Wis, 58-60, psychologist, 66-; psychol. counseling & teaching, U.S. & Can, 66. Psychol. Asn; Acad. Relig. & Ment. Health. Personality theory: mental health in religious life. Publ: What do pupils demand of their teachers, Cath. Ed. Rev.; Discernment of teacher characteristics by TAT speech analysis, J. Ed. Psychol., 12/62; Effectiveness of the MTAI in a parochial school setting, J. Exp. Ed, spring 65. Address: Notre Dame of the Lake, Mequon, Wis. 53092.
- BURKE, DR. JOHN FRANCIS, JR, b. Bath, Maine, Mar. 25, 37; m. 62; c. 4. ECONOMICS. B.S., Boston Col., 61; fel. Notre Dame, 61-63, M.S. 63, Ph.D. (econ), 67. Asst. Econ., Notre Dame, 63-65; Instr., Indiana, 63-65; asst. prof., Eastern Illinois, 65-67; CLEVELAND STATE, 67-70, ASSOC. PROF. 70- Urban Inst. grant, Cleveland State, 69, univ. grant, summer 69. U.S.N., 55-57. Econ. Asn. Fiscal Ohio; economic development in Cleveland. Publ: Co-auth, Expenditures and revenues of the state of Ohio, 1950-1957, a comparative analysis, Dept. Econ. & Inst. Urban Studies, Cleveland State Univ, 7/69; A profile of state government taxation and revenue for Ohio 1968, Dept. Econ. & Urban Inst., Cleveland State Univ, 4/70. Address: Dept. of Economics, Cleveland State University, Cleveland, Ohio 44115.
- BURKE, DR. WILLIAM M. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 3877 Jackson St, San Francisco, Calif. 94118.
- BURKE, PROF. WILLIAM THOMAS. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- BURKETT, DR. STEVEN R, b. Bedford, Ind. Oct. 2, 41; m. 61; c. 2. SOCIOLOGY. B.A., Portland State, 63; Ph.D.(sociol), Oregon, 68. Instr. SOCIOL., Kentucky, 67-68, ASST. PROF., 68-69; WASHINGTON STATE, 69- Social. Asn; Soc. Study Social Probs. Sociology of deviant behavior and adolescence. Publ: Co-auth, Drinking as rebellion: a study of adolescent drinking, Quart. J. Studies Alcohol, (in press). Address: Dept. of Sociology, Washington State University, Pullman, Wash. 99163.
- BURLEIGH, PROF. NATHANIEL G(EOURGE). Business Administration. See 11th ed, Soc. & Behav. Vols, deceased 70.
- BURLINGAME, DR. MARTIN, b. St. Helens, Ore. Oct. 12, 35; m. 60; c. 2. POLITICS, EDUCATIONAL ADMINISTRATION. B.A., Willamette, 57, M.Ed., 60; Duke, 57-58; Nat. Inst. Ment. Health fel, Chicago, 66, Ph.D.(ed. admin), 69. Asst. philos., Duke, 57-58; teacher soc. studies, Milwaukee Univ High Sch, 61-66; ASST. PROF. ED. ADMIN., NEW MEXICO, 68-, grant, 69-70. U.S.A. 58-60. Ed. Res. Asn. Politics and education; organizational theory; research methods. Publ: Co-auth, 1969 Legislative session, N.Mex. Sch. Rev. 1/69. Address: Dept. of Education, University of New Mexico, Albuquerque, N.Mex. 87106.
- BURLINGAME, DR. MILDRED. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. assoc. prof, 69-, Dept. of Psychology, University of Idaho, Moscow, Idaho 83843.
- BURMA, PROF. JOHN H(HARMON). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 70-, Dept. of Sociology, California State Polytechnic College, Pomona, Calif. 91766.



- BURNETT, DR. ALASTAIR, b. Livingstonia, Africa, Nov. 26, 22; U.S. citizen; m. 49; c. 3. CLINICAL PSYCHOLOGY, HUMAN BEHAVIOR. B.A., British Columbia, 47; M.A., Toronto, 49; Ph.D.(clin. psychol.), McGill, 55. Asst. aviation med. & psychol. part time, Inst. Aviation Med. Univ. Toronto, 48-49; res. psychologist, Dept. Health, Newf. Can., 49-51; chief psychologist, Hosp. Ment. & Nervous Diseases, St. John's, 53-63; Owatonna State Sch., Minn., 63-66; ASSOC. PROF. CLIN. & ABNORM. PSYCHIAT., WISCONSIN-LA CROSSE, 66-, CHIEF CLIN. PSYCHOLOGIST, LA CROSSE COUNTY GUID. CLIN. COURTHOUSE, 66-; Dipl. clin. psychol., Am. Bd. Exam. Prfnl. Psychol. 66. R.C.A.P. 43-46; Can. Army 46-49. Psychol. Assn. Assn. Ment. Deficiency, Intelligence and human abilities; perception, behavior and existential therapy. Address: La Crosse County Guidance Clinic Courthouse, La Crosse, Wis. 54601.
- BURNETT, DR. JOHN HOWARD, JR. b. Somerville, N.J. Mar. 12, 37; m. 61; c. 2. POLITICAL SCIENCE. A.B., W.Va. Wesleyan Col., 58; M.A., Emory, 60, fel. 63-64, Ph.D.(int. polit.), 66. Instr. soc. sci., Florence State Col., 61-62; Ga. Inst. Tech., 62-65, ASST. PROF., 65-66; GOVT., TEXAS TECH., 66-Polit. Sci. Assn. Foreign policy and government of the U.S.S.R., particularly the emerging nations; communist political systems. Publ. J.W. Fulbright—chairman of the senate foreign relations committee, Ark. Hist. Quart., winter 69. Address: Dept. of Government, Texas Tech University, Lubbock, Tex. 79409.
- BURNHAM, DR. KENNETH E(DWARD). Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also asst. dean, 68-, College of Liberal Arts, Temple University, Philadelphia, Pa. 19122.
- BURNHAM, DR. WALTER DEAN, b. Columbus, Ohio, June 15, 30; m. 58; c. 2. POLITICAL SCIENCE. B.A., Hopkins, 51, M.A., Harvard, 58, Ph.D. (polit. sci.), 62. Asst. prof. polit. sci., Kenyon Col., 61-63; Soc. Sci. Res. Coun. sr. award Am. polit. & govt., 63-64; asst. prof. POLIT. SCI., Haverford Col., 64-66; prof., W.Va. Wesleyan Col., 66-70, 66-70, 66-70, Nat. Sci. Found. grant, 68-71. U.S.A. 53-56. Polit. Sci. Assn. Voting behavior: correlates of system transformation; political history. Publ.: Presidential ballots, 1836-1892, Johns Hopkins, 55; co-auth., The American party systems, Oxford, 67; Critical elections and the main springs of American politics, Norton, 70. Address: Dept. of Political Science, Washington University, St. Louis, Mo. 63130.
- BURNS, PROF. EVELINE M(ABEL). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Prof. 68-, Graduate School of Social Work, New York University, 1 Fifth Ave., Suite 3D, New York, N.Y. 10003.
- BURNS, PROF. ZED (HOUSTON). Educational Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. ed. psychol., 68-, University of Southern Mississippi, Box 5136, Hattiesburg, Miss. 39401.
- BURRIDGE, PROF. KENELM O. L., b. St. Julian's, Malta, Oct. 31, 22; m. 50; c. 1. ANTHROPOLOGY. B.S., Oxford, 45, M.A., Soc. Anthropol., 49, B.Litt. 50; scholar, Australian Nat. Univ. 51-54, Ph.D.(anthrop.), 53. Res. fel. anthrop., Univ. Malaya, 54-56; prof., Baghdad, 56-58; lectr. ethnol. Pitt Rivers Mus., Oxford, 58-68; PROF. ANTHROPOLOGY, BRITISH COLUMBIA, 68- Vis. lectr., Western Australia, 67-68. Founding fel. St. Cross Col., Oxford, 66- R.N., 39-46, Lt. Anthrop. Assn.; Can. Sociol. & Anthropol. Soc. fel. Royal Anthrop. Inst. Gr. Brit. & Ireland, Brit. & Asn. Sociol. Anthropol. Religion; myth; millenarian movements; social change. Publ. Mambur: a Melanesian millennium, Methuen, 61; Tangu traditions, Clarendon, 69; New heaven, new earth, Blackwell, 69. Address: Dept. of Anthropology & Sociology, University of British Columbia, Vancouver 8, B.C., Can.
- BURROS, DR. RAYMOND (HERBERT). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Res. engr., 69-, Port of New York Authority, Room 1568, 111 Eighth Ave., New York, N.Y. 10011.
- BURROUGHS, DR. ROY (JUDSON). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Vis. prof., 69-, Graduate Division of Environmental & Urban Studies, College of Architecture, Virginia Polytechnic Institute, Blacksburg, Va. 24061.
- BURSTEIN, DR. HERMAN, b. Cleveland, Ohio, Sept. 10, 18; m. 18; c. 2. ECO-NOMICS, STATISTICS. B.S.J., Ohio, 40; M.A., Oberlin Col., 41; fel. N.Y. Univ., 42-43; Ph.D.(econ.), 45. Res. assoc. econ. Nat. Bur. Econ. Res., 43-45; econ. omist, S.D. Leidesdorf & Co., N.Y., 45-67; ASSOC. PROF. ECON., NEW COL. HOFSTRA, 67- Econ. Assn.; Statist. Assn.; Acad. Polit. & Soc. Sci. Statistical sampling; highly accurate and simple approximations of binomial confidence limits. Publ.: Co-auth., Management services by accounting firms, Ronald, 67; Approximating the upper binomial confidence limit, 9/67 & Approximating the lower binomial confidence limit, 12/68, J. Am. Statist. Assn. Address: 280 Twin Lane E., Wantagh, N.Y. 11793.
- BURTLE, JAMES L(INDLEY). Economics, Statistics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: V-pres, environ. econ., W.R. Grace & Co., 7 Hanover Square, New York, N.Y. 10005.
- BURTON, DR. WAYNE EUGENE, b. Bingham, Nebr., Nov. 3, 22; m. 45; c. 4. AGRICULTURAL ECONOMICS. B.S., Wyoming, 46; M.S., Texas, 49, 60; Ph.D.(agr. econ.), Montana State, 68. Vet. agr. instr., pub. sch., Lead Hill, Ark., 47; Westville, Okla., 47-51; Verdigris, Nebr., 52-56; asst. agr. econ., Texas A&M, 58-60; Montana State, 60-62; asst. prof., Nevada, 62-63; ALASKA, 63-68, ASSOC. PROF. ECON., 68- U.S.A.A.F., 42-44. Assoc. Rural Sociol. Soc., Agr. Econ. Assn. Farm management and farm firm development in socio-economic environment; new-lands type agricultural industry development and growth. Publ.: Alaska's agriculture, Inst. Soc. Econ. & Govt. Res., Univ. Alaska, 70. Address: Box 4083, North Pole, Alaska 99705.
- BUSCHKE, DR. HERMAN. Neurology, Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, Dept. of Neurology, Albert Einstein College of Medicine, 1300 Morris Park Ave., Bronx, N.Y. 10461.
- BUSEY, DR. JOSEPH SIPPLE, b. Urbana, Ill., Aug. 30, 41; m. 67. PSYCHOLOGY. A.B., DePaul, 64; Voc. Rehab. Admin. fel., North Carolina, Chapel Hill, 64-65, Vet. Admin. fel., 65-66, Ph.D.(clin. psychol.), 69. STAFF PSYCHOLOGIST, LETTERMAN GEN. HOSP., SAN FRANCISCO, 68- U.S.A.R. 66-, Capt., Psychol. Assn. Soc. Clin. Hypnosis; Assn. Suicidology. Address: Letterman General Hospital, Box 125, Presidio of San Francisco, Calif. 94129.
- BUSH, DR. CHARLES KETTRON, JR. b. Owensboro, Ky., June 29, 07; m. 46; c. 4. PSYCHIATRY. M.D., Louisville, 29. Physician, gen. practice, 29-42; res. psychiatrist, Elgin State Hosp., Ill., 46-49; asst. supt., Dixon State Hosp., Ill., 49, supt., 49-54; dir. archit. study prof., Am. Psychiat. Assn., 54-56, chief inspector, Cent. Inspection Bd., 56-60; supt., Del. State Hosps., 61-64; DIR. HOSP. SERV. BR., DIV. MENT. HEALTH, GA. DEPT. PUB. HEALTH, 64- Clin. asst. prof., sch. med., Emory, 65. Consult. Vet. Admin. Hosp., Wilmington, Del., 61-64. Dipl. Am. Bd. Psychiat. & Neurol. 50; cert. ment. hosp. adminstr., Am. Psychiat. Assn., 55. Med.C., A.U.S., 42-46, Capt. Am. Med. Assn.; fel. Psychiat. Assn. Pub. Health Assn.; Acad. Relig. & Ment. Health. Psychiatric hospital administration and architecture; laws concerning mentally ill and mentally retarded. Address: Georgia Dept. of Public Health, 47 Trinity Ave. S.W., Atlanta, Ga. 30334.
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- BUTT, DR. DORCAS SUSAN, b. Vancouver, B.C., Mar. 19, 38. PSYCHOLOGY. B.A., British Columbia, 60, M.A., 63; fel. Ph.D.(psychol.), Chicago, 67. Clin. psychologist, Crease Clin. Psychol. Med. B.C., 62, Ment. Health Center, Burnaby, 63-64; ASST. PROF. PSYCHOL., BRITISH COLUMBIA, 67- Res. psychologist, Can. Welfare Coun., Ottawa, Ont., 68. Psychol. Assn. Personality theory; measurement; social psychology; social values and personality dimensions; measurement strategies in trait scaling; clinical theory and practice. Publ.: Value and personality dimensions: their constancies and their relationships, Psychol. Reports, 19: 1115-1124; co-auth., A comparison of strategies in developing scales for dominance, psychol. Bull., 70: 505-519 & Differential correlates of dominance scales, J. Personality, 37: 415-428. Address: Dept. of Psychology, University of British Columbia, Vancouver, B.C., Can.
- BUTTERS, PROF. AVERY JOHN. American History, Philosophy of History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- BUTTERWORTH, DR. JOHN. Information Science, Operations Research. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. engr., 69-, Faculty of Commerce, University of British Columbia, Vancouver 8, B.C., Can.
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HEAD, 70-. Analysis of hay prices in eleven western states; economic analysis of alternative dairy technologies; economies of size in dairy farming. Publ: Co-auth, Western hay prices, Wash. Agr. Exp. Sta, 65; auth, Economics of size in Minnesota dairy farming, 68 & Alternative dairy technologies, 68, Minn. Agr. Exp. Sta. Address: Dept. of Agricultural Economics, University of Minnesota, St. Paul, Minn. 55101.

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BYRD, DR. JAMES ADON, b. Houston, Tex, Aug. 25, 24; m. 45; c. 3. ECONOMICS, FINANCE. B.B.A., Texas, Austin, 50, M.B.A., 55, Ph.D.(bus. admin, econ), 57. Lectr. finance, Texas, Austin, 55-57; asst. prof, 57-58; v-pres, Tex. Commerce Bank, Houston, 58-67; ASSOC. PROF. FINANCE, HOUSTON, 67-. U.S.A.A.F. 43-46, 1st Lt. Econ. Asst; Finance Assn; Nat. Assn. Bus. Econ. Bank management performance; changing structure of financial institutions; variable annuities. Address: Dept. of Finance, University of Houston, Houston, Tex. 77004.

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- Minnesota, Duluth, 49-50, teaching asst., 50-55; asst. prof. journalism, North Carolina, 55-58; asst. ed., Minneapolis Star & Tribune, 58-60; asst. prof. JOURNALISM, California, Los Angeles, 60-62; SOUTHERN CALIFORNIA, 62-65, ASSOC. PROF., 65- Pub. Rel. Soc. Am. fel. 69. Prog. participant, Far West. Slave Conf. Assn. Adv. Slave Studies, 63-70; mem., Fifth World Pub. Rel. Cong. Tel Aviv, 70. Med. Admin. C. U.S.A., 43-46, Lt. Asn. Ed. in Journalism, International political communication; public relations; East-West political relations. Publ.: Soviet specialty: political warfare, In: Readings in world military systems, A.F. ROTC, Air Univ., 65; American propaganda activities in early post war Italy, U.S.I.A. Training Manual, 69; Luigi Longo-Italy's middle-of-the-road tactician, In: Leaders of the Communist world, Free Press, Macmillan, 70. Address: School of Journalism, University of Southern California, Los Angeles, Calif. 90007.
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- CALERO, DR. THOMAS MANUEL, b. Mexico City, Mex. Sept. 14, 23; U.S. citizen; m. 48; c. 2. SOCIOLOGY, M.A., Chicago, 56; Ph.D.(sociol), Northwestern, 69. Training dir., City of Chicago Govt., 54-57; ed. adminstr., exten. Univ., Chicago, 57-59; consult., W.H. Harrison Assoc., Chicago, 59-62; ed. adminstr., Northwestern, 62-64; res. assoc. Am. Hosp. Assn., 64-68, ASSOC. PROF. MGT. & ORGN. ILL. INST. TECH., 68- U.S.A.A.F., 42-46, 5/Sgt. Soc. Sci. Assn. Acad. Mgt. Assessment of methods for the inventorying, forecasting, recruiting and developing of managerial, professional and technical categories of manpower in both public and private organizations. Publ.: Continuing education in health care institutions, Am. Hosp. Assn., 70. Address: Dept. of Management, Illinois Institute of Technology, Chicago, Ill. 60616.
- CALHOUN, DR. DANIEL H(OVEY). American History. See 5th ed, Dir. Am. Scholars, Vol. 1, Hist.
- CALHOUN, PROF. DONALD W. b. Worcester, Mass., June 14, 17; wld; c. 1. SOCIOLOGY, SOCIA. PSYCHOLOGY, B.A., Erskine Coll. 37; A.M., Furman, 38; North Carolina, 40-42; Ph.D.(sociol), Chicago, 50. Instr. sociol., Kansas Wesleyan, 39-40; Limestone Coll., 41; Ill. Inst. Tech., 46-48; asst. prof. gen. soc. sci., Minnesota, 48-53; PROF. soc. sci., Bethune-Cookman Coll., 58-62; SOC. SCI. & SOCIOL. MIAMI (FLA), 62- Study of group psychother. in suicide prev. 70- Sociol. Assn; Polit. Sci. Assn; Acad. Polit. & Soc. Sci. Marriage and family: social aspects of psychiatry. Publ.: Co-auth. An introduction to social science, Lippincott, 53, 57 & 61. Address: 11325 S.W. 97th Ave, Miami, Fla. 33156.
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- CALKINS, PROF. FRANCIS J(OSEPH). Finance. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. finance, 69-, College of Business Administration, Cleveland State University, 24th St. & Euclid Ave, Cleveland, Ohio 44115.
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- CALKINS, PROF. RALPH N. b. Albuquerque, N.Mex. Apr. 28, 26; m. 49; c. 3. ECONOMICS, B.B.A., New Mexico, 47, M.A., 49; Ph.D.(econ), Columbia, 63. Instr. econ, Bloomfield Coll., 49-53, dean acad. affairs, 53-57; asst. prof. ECON, Alaska, 67-68; PROF. HANOVER COLL., 68- U.S.N., 44-46. Econ. Assn. Educational economics, especially higher education; economic education. Publ.: A computerized model of exchange as an aid to teaching price theory, J. Econ. Ed., spring 70. Address: P.O. Box 126, Hanover, Ind. 47243.
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- CALMES, PROF. ROBERT EDWARD NEVILLE, b. Sterling, Colo., Mar. 9, 24; m. 54; c. 1. EDUCATIONAL PSYCHOLOGY, B.A., Hastings Coll., 49; M.A., Denver, 50, D.Ed.(higher ed, psychol), 58. Qual. contr. engr., Gates Rubber Co., Colo., summer 51; instr. guided missiles guid. circuitry, Lowry Air Force Base, 51-52; teacher, high schs., 52-55; spec. instr. elec., Denver, summer 56; asst. prof. ED. PSYCHOL., ARIZONA, 58-63, assoc. prof., 63-69, PROF. 69- Lectr., character res. proj., Union Coll., summer 68. Mem. cm. high sch. youth, Nat. Asn. YMCA Secy, Baltimore, Md., 62-65. U.S.N., 42-45. AAAS: Psychol. Assn. Ed. Res. Assn. Attitude change; mental health; development of character and morality; school and personal psychological consultation. Publ.: Guided missiles and space vehicles, Colo. Wing, Civil Air Patrol, 58; Research in moral development—how it supports the effective Y administrator, YMCA, Severna Park, Md., 69; co-auth. A study of the consistency of certain character attitudes, Character Res. Proj., Union Coll. (in press). Address: Dept. of Educational Psychology, University of Arizona College of Education, Tucson, Ariz. 85721.
- CALVERT, DR. THOMAS W(ILLIAM). Electrical Engineering, Bioengineering. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- CAMERON, PROF. HOWARD KING, b. Talladega, Ala., Dec. 23, 30; m. 59; c. 2. EDUCATIONAL PSYCHOLOGY, B.A., Talladega Coll., 54; M.A., New Mexico Highlands, 56; Ph.D.(ed, counseling psychol), Mich. State, 63; California, Berkeley, 65. Instr. psychol., Tuskegee Inst., 56-58; Fla. Agr. & Mech., 58-59; asst. instr. ed. psychol., Mich. State, 59-60; asst. prof. psychol., Southern Univ., 61-62; PROF. ED. PSYCHOL., HOWARD, 62- Psychologist & regional adminstr., VISTA, 66-67; lectr., Catholic Univ., 67-70; dir., Open Commun. Prog., D.C. 69-70. Consult. psychologist, U.S. Dept. Labor, summer 67. U.S.A., 54-55. Psychol. Assn; Personnel & Guid. Assn. Psychological testing and program evaluation; learning principles and socio-cultural influences on American blacks. Publ.: The effectiveness of feedback in teaching principles of educational psychology, J. Exp. Ed., 66, Non-intellectual predictions of academic performance, J. Negro Ed., 68; The Jensen controversy—myopia, Measurement & Eval. in Guid., 70. Address: Dept. of Education, Howard University, Washington, D.C. 20001.
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- effects of goal box delay and separate delay box delay on pattern running, *Psychonomic Sci.*, 17: 5-6; Resistance to extinction in the rat following regular and irregular schedules of partial reward, (in press); Partially delayed reward: some effects of sequential reward magnitude in the rat, (in press), *J. Comp. & Physiol. Psychol.* Address: Dept. of Psychology, Southern Methodist University, Dallas, Tex. 75222.
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- CANTELON, DR. JOHN EDWARD. Philosophy of Religion. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
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- CAPEHART, DR. JACK EDWARD. Psychology. See 11th ed, Soc. & Behav. Vols, deceased 69.
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63. Social. Asn.; Soc. Sci. Study Relig. Social reform movements; Utopian communities; sociology of religion; social psychology. Publ: Oneida: from utopian community to modern corporation, Johns Hopkins, 69; Experimental communities in America, Daedalus, 65. Address: Dept. of Sociology & Anthropology, Boston University College of Liberal Arts, 232 Bay State Rd, Boston, Mass. 02215.
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- CARLISLE, DR. ARTHUR ELLIOTT, b. Montreal, Que., Oct. 16, 26; m. 49; c. 5. LABOR ECONOMICS. B.A. McGill, 48; M.B.A. Michigan, 63, univ. fel, 63-64, U.S. Steel Found. fel, 64, Ford Found. fel, 65, Ph.D. (econ. indust. rels), 66. Asst. personnel mgr. Bendix-Eclipse Co. Can. Ltd., 52-55; Stroh Brewery Co. Mich., 55-63; res. assoc. bur. indust. rels, Michigan, 63-66; ASSOC. PROF. MGT. MASSACHUSETTS, 66- Pres, Maumee Machine & Tool Co., Ohio, 65. R.C.N., 44-45. Econ. Asn.; Indust. Rel. Res. Asn. Operation of United States subsidiaries in Canada; labor movement in Quebec. Publ: Cultures in collision, Univ. Michigan, Bur. Indust. Rel., 67; Cultural differences and supervisory styles, Indust. Rel. Q., 1/68; co-auth, Affluence and the individual, Mgt. Personnel Q., fall 69. Address: Dept. of Management, University of Massachusetts, Amherst, Mass. 01002.
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- CARLSON, DEAN ROBERT S(COTT), b. Chicago, Ill., June 16, 34; m. 62; c. 2. BUSINESS ADMINISTRATION. S.B. Mass. Inst. Tech., 56; Allied Chem. Found. & Cook County fcls, Billings & Mass. Inst. Tech. Club of Chicago scholars, Stanford, 64-66, M.B.A., 62, Ph.D. (bus), 64. Instr. U.S. Naval Reserve Intell. Sch., 57-60; fel, Ford Motor Co., 62; financial analyst, Standard Oil Co. (N.J.), 63; instr. bus. admin. Stanford, 63-64; asst. prof., Columbia, 64-66; asst. prof., Harvard Bus. Sch., 66-69; DEAN CHARLES H. BABCOCK SCH. BUS. ADMIN. WAKE FOREST, 69- Vis. prof., Robert Col., Istanbul, 66; dir., Bates & Daly, Inc., 69- Consult, Am. Mgt. Asn., 64-66; Arthur D. Little, Inc., 66-67, U.S.N.R., 67-68, Lt. Econ. Asn.; Finance Asn. Measuring investment performance. Publ: Aggregate performance of mutual funds, J. Financial & Quant. Anal., 70. Address: Wake Forest University Charles H. Babcock School of Business Administration, P.O. Box 7285, Winston-Salem, N.C. 27109.
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- CARLSTON, PROF. KENNETH S(MITH). International Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- CARMEN, DR. IRA H(ARRIS). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-, Dept. of Political Science, University of Illinois, Urbana, Ill. 61801.
- CARMICHAEL, DR. CARL WILLIAM, b. Pittsburgh, Pa., Jan. 11, 40; m. 63; c. 3. COMMUNICATION RESEARCH. B.A., Westminster Col. (Pa.), 61; M.A., La. State, 62; Ph.D. (commun.), Iowa, 65. ASSOC. PROF. COMMUN. & DIR. COMMUN. RES. CENTER, OREGON, 65- Int. Commun. Asn.; Speech Commun. Asn. Publ: Co-auth, Frustration and language intensity, Speech Monographs, 6/65; auth, The development of communication theory: a prefatory analysis, Commun. Spectra 7, Nat. Soc. Study Commun., 6/68. Address: Dept. of Speech, University of Oregon, Eugene, Ore. 97403.
- CARMODY, DR. GEORGE R. Population Genetics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- CARNAHAN, PROF. JAMES EDWIN. Public Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Coordinator res. & develop., highway traffic safety center, Mich. State, 69- Address: 2795 Lamoreaux Lane, Holt, Mich. 48842.
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- CARNES, PROF. JESS GALE. Modern European & English History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CAROL, PROF. HANS (HEINRICH). Geography. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Geography, York University, Toronto-Downsview, Ont, Can.
- CARP, DR. FRANCES M(ERCHANT). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Res. specialist, 69, Langley Porter Neuropsychiatric Institute, 401 Parnassus Ave, San Francisco, Calif. 94122.
- CARPENTER, PROF. CHESTER J. b. Robertson, Wyo, Nov. 17, 19; m. 62; c. 2. SOCIOLOGY. A.B. Southern California, 52, grad. cert. soc. work, 54; M.S., Iowa State, 59; univ. fel. Fla. State, 61-62; Ph.D.(sociol. soc. welfare), 69. Caseworker, Family Serv. League, Iowa, 55-57; instr. sociol. & soc. work, Iowa State, 57-59; soc. welfare, Fla. State, 60-62; asst. prof. SOCIOL. & SOC. WORK, INDIANA STATE, 62-65, asst. prof. 65-70, PROF. 70. Mem. house del. Coun. Soc. Work Ed. 66. Med. Dept. U.S.A. 41-46, Res. Maj. Nat. Assn. Soc. Workers; Acad. Ct. Soc. Workers; Nat. Workers' Fam. Rel. Cn. Soc. Work Ed. Social and psychological determinants in family life, parenting and employed mothers. Address: Dept. of Sociology & Social Work, Indiana State University, Terre Haute, Ind. 47809.
- CARPENTER, PROF. CLARENCE) RAY. Behavioral Psychology, Primatology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Res. prof. psychol. & anthrop. 70-, Dept. of Psychology, University of Georgia, New Psychology Bldg, Athens, Ga. 30601.
- CARPENTER, PROF. DAVID B(AILEY). Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also chmn. dept. sociol, Washington (St. Louis), 69. Address: 715 W. Oak Dr, Glendale, Mo. 63122.
- CARPENTER, DR. EARL T(HOMAS), b. Hannibal, Mo, Mar. 25, 24; m. 44; c. 3. AGRICULTURAL & VOCATIONAL EDUCATION. B.S. Missouri, 48, M.Ed. 54, Ed.D.(agr. ed), 60. Coordinator agr. short courses, Missouri, 60-61, asst. prof. agr. ed, 62-67; CLEMSON, 61-62, dir. res. coord. unit, 67-68, ASSOC. PROF. AGR. ED. 68. Voc. ed. consult, Midcontinent Regional Ed. Lab, 66; curriculum consult, Mo. State Dept. Ed. 66-67. U.S.A. 43-46. Ed. Res. Asn; Voc. Ed. Res. Asn. Curriculum development; scholastic rehabilitation of underachieving students. Publ: Farming opportunities in Missouri projected through 1975, Agr. Exp. Sta, Univ. Missouri, 60 & Plant science for vocational agriculture in Missouri, Mo. State Dept. Ed. 67, co-auth. The occupational structure of Dillon County, South Carolina. Res. Coord. Unit, Clemson, 68. Address: Dept. of Agricultural Education, Clemson University, Clemson, S.C. 29631.
- CARPENTER, DR. FRANK ROBERT, b. Troy, Kans, Aug. 15, 20; m. 40; c. 5. AGRICULTURAL EDUCATION, EDUCATIONAL ADMINISTRATION. B.S. Kansas State, 48, M.S. 51; Ph.D.(agr. ed), Missouri-Columbia, 67. Teacher, elem. schs, Kans, 38-41; machinist & crew chief, Cessna Aircraft Co, 42-44; instr, high sch, 48-49; asst. instr. agr. ed, Kansas State, 49-51; instr, high sch, 51-56; asst. state superv. voc. agr. State Bd. Voc. Ed. 56-61; ASST. DEAN COL. AGR. KANSAS STATE, 61. Consult. voc. ed, Ahmadu Bello Univ, Nigeria, summer 69. U.S.N. 44-46. Agricultural education at the university level, including factors affecting enrollments, curriculum development and effective instruction. Publ: A study of the occupational status of state farmer degree members of Kansas, Agr. Ed. Mag, 1/52; co-auth. Relationships between educational experiences of vocational agriculture students and their enrolling in a college of agriculture, J. Nat. Assn. Colls. & Teachers of Agr, 12/69. Address: College of Agriculture, Kansas State University, Manhattan, Kans. 66502.
- CARPENTER, DR. GENEVIEVE C(ASTRODALE). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Sr. lectr, 70-, Behaviour Development Research Unit, St. Mary's Hospital Medical School, University of London, 310 Edgware Rd, London, W.2, Eng.
- CARPENTER, DR. PATRICIA HUMPHREY. Clinical Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Consult, St. Clair Hosp, Detroit, 69. Address: 3875 W. Coon Lake Rd, Howell, Mich. 48843.
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- CARR, DR. BURCHARD M, b. Indianapolis, Ind, Apr. 17, 35; m. 59; c. 2. SPEECH PATHOLOGY, COMMUNICATION SCIENCE. A.B. Denison, 57; M.A. Ohio, 62, Ph.D.(speech path), 64. Asst. prof. speech path, Vermont, 64-66; asst. prof. speech path. & dir. speech hearing clin, Oklahoma State, 66-67; ASST. PROF. SPEECH PATH, WISCONSIN-MILWAUKEE, 67. Consult. Winfield State Hosp. & Training Center, Kans, 67. U.S.A.F. 57. Speech & Hearing Asn; Acoustical Soc. Am; Speech Asn. Am. Speech production processes; speech perception. Publ: Delayed auditory feedback and breathing. Cent. States Speech J, spring 68. Address: Dept. of Speech, University of Wisconsin-Milwaukee, Milwaukee, Wis. 53211.
- CARR, DR. GEORGE L(EROY). Physics, Science Education. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- CARR, DR. LOIS GREEN. American Colonial & Legal History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CARRIER, DR. RONALD EDWIN. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: V-pres. acad. affairs, 69-, Memphis State University, Memphis, Tenn. 38111.
- CARRIGAN, DR. ROBERT LAWRENCE. Religion, Behavioral Sciences. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- CARRIKER, PROF. WILLIAM (REVERE). Educational Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. spec. ed. & chmn. dept, 69-, School of Education, Room 17 Peabody Hall, University of Virginia, Charlottesville, Va. 22903.
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- CARROLL, DR. BERENICE ANITA. Modern History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CARROLL, DAVID W, S.J., b. Valley Stream, N.Y., Sept. 29, 26. CLINICAL PSYCHOLOGY. Ph.L. Woodstock Col, 51, M.A.T. 52, S.T.L. 58; M.A., Fordham, 61, Ph.D.(clin. psychol), 67. Teacher, high sch, N.Y. 51-54; asst. prof. psychol, Fordham, 65-69, dir. counseling center, 66-69; DIR. PERSONNEL, NEW YORK JESUIT PROVINCE, 69. Psychol. Asn. Personnel & Guid. Asn., Personality assessment; psychotherapy; psychology of religion. Publ: Follow-up study of psychological assessment. In: Psychological assessment for ministerial selection, Fordham Univ, 70. Address: Kohlmann Hall, 501 E. Fordham Rd, Bronx, N.Y. 10458.
- CARROLL, DR. JEROME F(RANCIS XAVIER), b. Baltimore, Md, May 29, 34; m. 56; c. 5. CLINICAL & COUNSELING PSYCHOLOGY. B.A. Maryland, 56, M.A. 58; Ph.D.(counseling psychol), Temple, 68. Asst. prof. psychol, La Salle Col, 62-68; COORDINATOR FAMILY & COUNSELING SERV, PHILA. BD. ED, 69. Consult. Misericordia Sch. Nursing, 63-67; Cath. Soc. Serv. Adoption Dept, 63. U.S.A.F. 58-62, 1st Lt. Psychol. Asn. Adoption, especially education for prospective adoptive parents; elementary school guidance and counseling; racial prejudice; campus unrest; abnormal and social psychology; personality. Address: 348 E. Gowen Ave, Philadelphia, Pa. 19119.
- CARROLL, PROF. ROY. History of England & Early Modern Europe. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CARROLL, DR. VERN. Social Anthropology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, Washington, (Seattle), 69. New publ: Ed, Adoption in Eastern Oceania, Monogr, Univ. Hawaii, 69. Address: Dept. of Anthropology, University of Washington, Seattle, Wash. 98622.
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- CARRON, THEODORE J(OSEPH). Psychology, Chemical Engineering. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Mgr. mgt. developing & training, 69-, Ethyl Corp, P.O. Box 2189, Richmond, Va. 23217.
- CARRUTH, PROF. JAMES F(RANKLIN), b. Memphis, Tenn, Dec. 16, 26; m. 49; c. 4. CLINICAL PSYCHOLOGY. B.S. Illinois, 48, M.S. 51, Ph.D. (clin. psychol), 53. Asst. prof. PSYCHOL, WEST VIRGINIA, 53-57, assoc. prof, 57-65; PROF. 65, DIR. STUDENT COUNSELING SERV, 65. U.S.A.A.F. 46-47. Psychol. Asn. Validation of psychological diagnostic and therapeutic procedures; child development; development of behavior. Address: Student Counseling Service, West Virginia University, Morgantown, W.Va. 26506.
- CARRY, DR. L(AROY) RAY. Mathematics, Education. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- CARSON, PROF. ROBERT C(HARLES). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. Duke, 68. New publ: Interaction concepts of personality, Aldine, 69. Address: Division of Medical Psychology, Duke University Medical Center, Durham, N.C. 27706.
- CARSON, WILLIAM MORRIS. Anthropology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Mgr. mgt. develop, 70-, Saudi-Arabian Airlines, P.O. Box 187, Jeddah, Saudi-Arabia.
- CARSTENS, PROF. W(ILLIAM) PETER. Social Anthropology, Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. 69-, Dept. of Anthropology, University of Toronto, Toronto, Ont, Can.
- CARTER, DR. BYRUM E(ARL). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Chancellor, Indiana, Bloomington, 69. Address: 1900 Ruby Lane, Bloomington, Ind. 47401.
- CARTER, DEAN ELTON S(TEWART), b. Castle Hill, Maine, May 6, 19; m. 46; c. 2. SPEECH. B.A. Maine, 41; M.A. Ind. State Teachers Col, 47; Ph.D. Northwestern, 50. Asst. & traveling hearing consult, Ind. State Teachers Col, 41-42, 45-46, teacher, 46-47; assoc. prof. speech, Pa. State, 50-63; dir. publ. develop, HRR-Singer, Inc, 63; DEAN GRAD. COL. NEBRASKA, OMAHA, 63. U.S.A.A.F. 43-45. AAAS; Nat. Soc. Study Commun; Int. Soc. Gen. Semantics. General semantics; communication; graduate education. Publ: Learning your way through college, C.C. Thomas, 63; Experimental heuristic as an approach in problem solving. In: Computer augmentation of human reasoning, 63; co-auth. Modern heuristic in historical perspective with implications for research pedagogy. Gen. Semantics Bull, 62. Address: Graduate College, University of Nebraska at Omaha, 60th & Dodge St, Omaha, Nebr. 68101.
- CARTER, PROF. GEORGE LaROME, JR. Administration, Animal Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: On leave from Univ. Wis. as dir. postgrad. prof. for agr. adv. personnel, 69-. University College of Dublin, Lyons Estate, Celbridge, County Kildare, Ireland.
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- CARTER, DR. LAMORE JOSEPH, b. Carthage, Tex., Apr. 18, 25; m. 57; c. 2. PSYCHOLOGY, EDUCATION. A.B. Flisk, 50; M.S. Wisconsin, 52; Ford Found. fel. Chicago, summer 54; Ph.D. (ed. psychol.), Iowa, 58. Instr. psychol. & asst. supvr. follow-up serv., Grambling Col., 52-56; res. asst. psychol. State Univ. Iowa, 56-58; dir. spec. ed., Grambling Col., 58-66; adminstr. res. & spec. ed. progs., 66-69; Nat. Ed. res. fel. psychol., SOUTH. ASN. COLS. & SCSHS, 69-70. RES. SPECIALIST, CMN. ON COLS., 70. Coordinator of res. La. Ed. Assn, 61-63; psychol. serv. Head Start Prog., North La., 67; vis. prof. psychol. & ed. Morehouse Col., 70. Voc. consult., Bur. Hearings & Appeals, Soc. Security Admin., 66-; consult-field reader for res. proposals, U.S. Off. Ed. Bur. Ed. for Handicapped, 68-; ed. consult. Ed. Resource Center for Sch. Desegregation, New Orleans, La., 68-; psychol. consult-lectr., Northeast La. State Col., 69-70; mem. Nat. Coun. Univ. Res. Adminstrs. U.S.A. 43-46. S. Sgt. Ed. Res. Asn. Psychol. Assn; Asn. Instrl. Res.; Coun. Except. Children, fel. Asn. Ment. Deficiency. Administrative organization and effectiveness in higher education; curriculum innovation and student learning at college level; the decision-making process in higher education. Publ: Co-auth. A comparison of two groups of teacher-trainees whose professional experiences differ in organization, scope and sequence, Bur. Res. Off. Ed. Dept. Health, Ed. & Welfare, 69; Inhibition phenomena in fast and slow learners, J. Ed. Psychol., 52: 30-34; auth. Coping with troubled behavior, Pointer, 13: 18-20. Address: Southern Association of Colleges & Schools, 795 Peachtree St. N.E., Atlanta, Ga. 30308.
- CARTER, PROF. ROY E (RNEST), JR. Sociology. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position: Prof. mass comm., soc. & Latin Am. studies, 68-; Dept. of Sociology, University of Minnesota, Minneapolis, Minn. 55455.
- CARTER, PROF. SHERMAN F, b. Salt Lake City, Utah, Mar. 27, 26; m. 50; c. 6. BUSINESS ADMINISTRATION. B.S. Georgia, 56; M.B.A., Syracuse, 58; Ph.D. (bus. admin.), American Univ., 66; Indiana Col. Armed Forces, 68. PROF. BUS. ADMIN. & FINANCIAL & ADMIN. V. PRES. IDAHO, 69- U.S.A. 45-69. Col. Finance; public administration. Address: Office of President, University of Idaho, Moscow, Idaho 83843.
- CARTER, PROF. WILLIAM A (MBROSE). Economics. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position: Asst. prof. faculty & dir. Northern New Eng. Sch. Banking, 69- Address: Robert Frost Lane, Etna, N.H. 03750.
- CARTER, DR. WILLIAM E. Cultural Anthropology. See A-K Vol, 11th ed. Soc. & Behav. Vols. New information: Also dir. Center Latin Am. Studies, Florida, 68- New publ. New lands and old traditions, Univ. Florida, 69. Address: University of Florida, 450 College Library, Gainesville, Fla. 32601.
- CARTWRIGHT, DR. GLEN PHILLIP, b. New Castle, Ind., Mar. 14, 37; m. 66. SPECIAL EDUCATION. B.S. Illinois, 60; M.S., 62; Ph.D. (ed.), Pittsburgh, 66. Psychologist, Sch. Res. Assocs., 63-64; asst. prof. Ed., Hawaii, 66-67; PA. STATE, 67-70. ASSOC. PROF., 70- U.S. Off. Ed. grants, 69-71. Psychol. Assn; Ed. Res. Asn. Computer-assisted instruction; computer analysis of natural language. Publ: Appraisal of written expression, In: Teacher diagnosis of educational difficulties, Merrill, 69; Dimensions of written language, J. Ment. Deficiency, 1/69; co-auth. Measurement of incentive motivation, Teaching Except. Children, spring 70. Address: 201 Chambers Bldg., Pennsylvania State University, University Park, Pa. 16802.
- CARTWRIGHT, DR. ROSALIND D (YMOND). Psychology. See A-K Vol, 11th ed. Soc. & Behav. Vols. Change of address: Behavioral Sciences Bldg., University of Illinois at Chicago Circle, Chicago, Ill. 60680.
- CARTWRIGHT, DR. WALTER J (JOSEPH). Sociology. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position: Prof. sociol. & chmn., 69-; Dept. of Sociology & Anthropology, Texas Tech University, Lubbock, Tex. 79409.
- CARUTH, DR. WILDRIDGE ROBERT BRIAN, b. Dublin, Ireland, May 2, 40; m. 66; c. 1. OPERATIONS RESEARCH, MANAGEMENT SCIENCE. B.A.I. & B.A., Dublin, 61, Ph.D., 64; Toronto, 65-66. Engr., Montreal Eng. Co., 64; ops. res. analyst, Ont. Hydro Power Cmn., 65-66; res. scientist, Travelers Res. Center, 66-67; dir. resource sys. div., 67-68; MGR. OPERS. RES., SOUTHWEST RES. INST., 68- Inst. Mgt. Sci.; Opers. Res. Soc. Am. Resource management; systems analysis. Address: 426 Mary Louise Dr., San Antonio, Tex. 78201.
- CARUTHERS, DR. ROBERT PHELPS. Psychology, Neurophysiology. See Suppl. V to 11th ed. Phys. & Biol. Vols.
- CARZO, PROF. ROCCO JR., b. Crum Lynne, Pa., Dec. 25, 29; m. 53; c. 4. BUSINESS ADMINISTRATION. B.S. Delaware, 51; M.S. Baylor, 54; D.B.A., Indiana, 58. Army tank inspector, Baldwin-Lima-Hamilton Corp., 51; instr., Alaska, 54-55; Indiana, 55-58; PROF. MGT. & HEAD DEPT. PA. State, 67-70; SCH. BUS. TEMPLE, 70- Prof. training, Gen. Elec. Corp., 51; Ford Found. fel. summer 60; U.S.A.F., 51-55, 3/56. Acad. Mgt. Soc. Gen. Sys. Res. Organization theory; effect of organization structure on group performance; models for organization design. Publ: Co-auth. Formal organization: a systems approach, Irwin, 67; auth. Some effects of organization structure on group effectiveness, 3/63 & co-auth. Effects of flat and tall or-
- ganization structure, 6/69. Admin. Sci. Quart. Address: School of Business, Temple University, Philadelphia, Pa. 19122.
- CASE, DR. MAURICE. Sociology. See 11th ed. Soc. & Behav. Vols., deceased 68.
- CASELLA, DR. CONO. Economics. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position: Prof. econ., Long Island, 69- Address: 1 Beechwood Dr., Glen Head, N.Y. 11545.
- CASEY, PROF. RALPH D (ROZ). Journalism, Communications. See 5th ed. Dir. Am. Scholars, Vol. 1, Hist.
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- CASHMAN, DR. PAUL H. Speech Communication. See 5th ed. Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- CASKEY, DR. OWEN L (A VERNE). Psychology. See A-K Vol, 11th ed. Soc. & Behav. Vols. New information: Also v. pres. student affairs, 68-; College of Education, Texas Tech University, Lubbock, Tex. 79409.
- CASPER, PROF. BERENICE M (ARGARET). Geography. See A-K Vol, 11th ed. Soc. & Behav. Vols. New information: Also chmn., 69-; Dept. of Geography, Trenton State College, Trenton, N.J. 08625.
- CASPER, DR. JONATHAN DAVID, b. Tacoma Park, Md., June 2, 42. POLITICAL SCIENCE. B.A., Swarthmore Col., 64; M.A. Yale, 65, Ph.D. (polit. sci.), 68. Res. fel. POLIT. SCI., Brookings Inst., 67-68; ASST. PROF., YALE, 68- Soc. Sci. Res. Coun. grant, 70-71. Polit. Sci. Asn; Law & Society Asn. Legal institutions and processes. Publ: Lawyers and loyalty-security litigation, Law & Society Rev. 5/69; Lawyers before the Supreme Court: civil liberties and rights, 1957-66, Stanford Law Rev. 2/70. Address: Dept. of Political Science, Yale University, New Haven, Conn. 06520.
- CASSELLA, DR. WILLIAM N (ATHAN). Political Science. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position: Exec. Dir. Nat. Munic. League, 69- Address: 100 Buena Vista Dr., Dobbs Ferry, N.Y. 10522.
- CASSTEVENS, DR. THOMAS WILLIAM, b. Fayette, Mo., Feb. 3, 37; m. 58; c. 2. POLITICAL SCIENCE. B.A., Reed Col., 59; Falk fel. Mich. State, 59-60, Ph.D. (polit. sci.), 66. ASST. instr. soc. sci., Mich. State, 61-63; asst. res. polit. scientist, California, Berkeley, 63-66; asst. prof. POLIT. SCI., OAKLAND, 66-69. ASSOC. PROF., 69- Lectr. California, 63-64; Nat. Sci. Found. Sci. Faculty fel., 68-69; vis. fel. Dartmouth Col., 68-69. Polit. Sci. Asn. British and American politics; mathematical political science. Publ: The politics of fair housing legislation, Chandler, 68; Party theories and British parties, Midwest J. Polit. Sci., 61; A theorem about voting, Am. Polit. Sci. Rev. 68. Address: Dept. of Political Science, Oakland University, Rochester, Mich. 48063.
- CASTELLAN, DR. (NORMAN) JOHN, JR. Psychology. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position: Assoc. prof., 69-; Dept. of Psychology, Indiana University, Bloomington, Ind. 47401.
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- CASTO, DR. BRUCE CORDELL. Medical Virology. See Suppl. VI to 11th ed. Phys. & Biol. Vols.
- CASTORE, DR. GEORGE F. Psychology. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position & address: Dir., 68-; In Service Center, Educational Area XV, 120 E. Third St., Ottumwa, Iowa 52501.
- CASTRO, DR. BARRY. Economics. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position & address: Prof. & chmn., 70-; Social Science Group, Hostos College, 161st St. & Grand Concourse, Bronx, N.Y. 10451.
- CATALANO, DR. JOHN F., b. Brooklyn, N.Y., Sept. 15, 38; m. 59; c. 2. EXPERIMENTAL PSYCHOLOGY. B.A., N.Y. Univ., 57; M.A., Brooklyn Col., 60; Ph.D. (exp. psychol.), Yeshiva, 67. Human factors psychologist, Sperry Gyroscope Co., N.Y., 62-64; res. psychologist, Naval Training Device Center, 64-67; ASSOC. PROF. PSYCHOL., STATE UNIV. N.Y. COL. CORTLAND, 67-

- Psychol. Assn. Human Factors Soc. Human learning and performance; visual detection. Publ: Arousal as a factor in reminiscence. 24: 1171-1180 & co-auth. Factors in recovery from performance decrement; activation, inhibition, and warm up. 25: 1223-1231. Perceptual & Motor Skills; auth. The role of repetition in the serial learning of meaningful material. Psychonomic Sci. 14: 65-66. Address: Dept. of Psychology, State University of New York College at Cortland, Cortland, N.Y. 13045.
- CAUDILL, DR. ORLEY BRANDT, b. Salsersville, Ky, Mar. 5, 18; m. 50; c. 2. POLITICAL SCIENCE, HISTORY. B.S. Maryland, 64, M.A. 64, Ph.D.(int. rels), 68. ASST. PROF. POLIT. SCI. SOUTHERN MISSISSIPPI, 68-U.S.A.F. 41-68, Lt. Col. Polit. Sci. Assn. International affairs. Publ: Latin America's long road into the future, 10/68 & NATO: the durable alliance, 10/69, South. Quart. Address: Dept. of Political Science, University of Southern Mississippi, Hattiesburg, Miss. 39401.
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- CAVNESS, DR. JAMES ALFRED. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: HumRRO, Box 2086, Ft. Benning, Ga. 31905.
- CECIL, DR. ANDREW R. Law, Economics. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- CECIL, DR. CARL EDWIN, b. Moundsville, W.Va, Nov. 7, 30; m. 66. EDUCATIONAL PSYCHOLOGY. A.B. Marshall Col, 53; M.A. West Virginia, 62, Ed.D.(psychol), 65. Dean of men, Wayneburg Col. 58-62; ASSOC. PROF. ED. PSYCHOL. Fairmont State Col. 63-66; ALABAMA, 68-. Res. consult. Huntsville Ed. Improv. Prog. 67-; consult. NASA, 69. res. consult. Ed. Follow Through Prog. Huntsville & U.S. Dept. Health, Ed. & Welfare, 69-U.S.A. 53-55, Sgt. Psychol. Assn; Ed. Res. Assn. Personality theory and development; learning and motivation; factors related to education of disadvantaged children and desegregation. Publ: Book levels of involvement needed to key on educational desegregation, U.S. Govt. Printing Off, 70. Address: 1707 25th Way E, Tuscaloosa, Ala. 35401.
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- CERMAK, DR. LAIRD S(COTT), b. Cleveland, Ohio, June 24, 42; m. 69. PSYCHOLOGY. B.A. Ohio Wesleyan, 64; M.A. Ohio State, 65, Nat. Insts. Health fel, 65-68, Ph.D.(memory), 68. Vis. prof. PSYCHOL. Ohio Wesleyan, 66-68; ASST. PROF. TUFTS, 68- AAAS; Psychol. Assn. Human memory; classical conditioning; learning; statistics. Publ: Transfer effects of synonyms and antonyms in mixed and unmixed lists, J. Verbal Learning & Verbal Behav, 67; co-auth. ISI and CS duration effects in differential conditioning, 69 & auth. Repetition and encoding in short-term memory, 69, J. Exp. Psychol. Address: Dept. of Psychology, Tufts University, Medford, Mass. 02155.
- CESAL, DR. LON C. b. San Pierre, Ind. Oct. 22, 33; m. 68. AGRICULTURAL ECONOMICS, ECONOMIC DEVELOPMENT. B.S. Purdue, 57; M.S.(Pa. State, 59; Ph.D.(econ). Iowa State, 66. Res. assoc. agr. econ. Iowa State, 64-65; ASST. PROF. ECON. DEVELOP. Iowa State Univ. at Peru, 66-68; FED. UNIV. VICOSA, BRAZIL, 69- U.S.N. 52-54, Ens. Agr. Econ. Assn; Econ. Assn; Int. Assn. Agr. Econ; Brazilian Soc. Agr. Econ., Agricultural economic development. Address: Dept. of Economic Development, Universidade Federal de Vicosa, Vicosa, MG, Brazil, S.Am.
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- CHAFFIN, DR. DON B. Industrial Engineering, Bioengineering. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- CHAIKLIN, PROF. JOSEPH B. Audiology, Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. audiology & speech, Division of Speech, Pathology & Audiology, University of Minnesota, Minneapolis, Minn. 55455.
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- CHALMERS, PROF. ALLAN KNIGHT. Religion. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
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- CHAMBERS, PROF. SAMUEL T. History, Political Science. See Suppl. I to 5th ed, Dir. Am. Scholars.
- CHAMPLIN, DR. ARTHUR KINGSLEY. Biology, Animal Behavior. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- CHAN, PROF. RAYMOND LOI MING, b. China, Mar. 3, 13; U.S. citizen; m. 40; c. 1. POLITICAL SCIENCE, HISTORY. B.A. Lingnan Univ, 35; M.A. Columbia, 37; M.A. Harvard, 44, Ph.D.(polit. sci.), 44. PROF. POLIT. SCI. & HIST, GUAM, 66- Polit. Sci. Assn; Assn. Asian Studies. International relations; Asian history and foreign affairs. Publ: An outline of intergovernmental relations in China, Harvard Grad. Sch. Pub. Admin, 43; The development of intergovernmental relationships in China with special reference to Canton, Kwangtung Province, In: Summaries of Ph.D theses, 1943-1945, Harvard Grad. Sch. Arts & Sci, 47. Address: P.O. Box 266, Agaña, Guam 96910.
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The Mexican-American protest movement in Texas, Univ. Microfilms, 68. Address: 2706 24th Street, Lubbock, Tex. 79410.

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CHANG, DR. HSI CHIH, b. China, Mar. 21, 20; m. 51; c. 1. SOCIOLOGY. B.S., China Nat. S.W. Assoc. Univ., 44; M.S., Missouri, 65, Ph.D.(sociol), 68. Teacher, Kunning Norm. Univ. High Sch., 44-48; agr. exten. supvr., Joint Cmn. Rural Reconstruct, Taiwan, 51-62; ASST. PROF. SOCIOLOGY, IOWA STATE, 68-. Fel. Missouri, summer 69. Sociol. Asst.; Pop. Asn. Agr.; Rural Sociol. Soc. Genl. Soc. Educational and occupational aspiration and expectation; diffusion and adoption of information; structural and functional analysis of farm information development and dissemination. Publ: Co-auth. Comparative characteristics of special functionaries in the acceptance of agricultural innovation in two Missouri communities, 65 & Educational choice and expectations of male students entering a Mid-Western university, 67. Univ. Missouri Exp. Sta.; co-auth. Farm information for modernizing agriculture, Praeger, 70. Address: Dept. of Sociology and Anthropology, Iowa State University, Ames, Iowa 50010.

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CHANG, DR. LEO SOON, b. Seoul, Korea, Oct. 17, 35; m. 67; c. 1. POLITICAL SCIENCE. B.A., Catholic Univ., 59; M.A., Georgetown, 63, Ph.D.(polit. sci.), 68. Lectr. POLIT. SCI. REGIS COL (MASS), 63-64; instr., 64-66. ASST. PROF., 66-. CHMN. DEPT., 64-. Participant, Nat. Sci. Found. Summer Inst. Col. Teachers, Va. Polytech, 68. Polit. Sci. Asn. Political theory—normative; comparative political theory: East and West. Address: 14 Stockwell St, Boston, Mass. 02120.

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CHANG, DR. WINSTON (WEN-TSUEN), b. Taiwan, Aug. 1, 39; m. 66; c. 1. ECONOMICS. B.A., Taiwan, 62; M.A., Rochester, 66; Ph.D.(econ), 68. ASST. PROF. ECON. STATE UNIV. N.Y. BUFFALO, 67-. Nat. Sci. Found. res. grant, 69-70. Chinese Marine Corps, 62-63, 2nd Lt. Econ. Asst.; Economist. Soc. Growth theory; international and mathematical economics. Publ: A model of induced invention and economic growth, Metroeconomica, 1/69; The theory of saving and the stability of growth equilibrium, Quart. J. Econ., 9/69; The role of saving in a growth model with induced invention, Rev. Econ. & Statist., 2/70. Address: Dept. of Economics, State University of New York at Buffalo, Buffalo, N.Y. 14226.

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- CHOVAN, DR. WILLIAM L, b. Massillon, Ohio, July 25, 28; m. 54; c. 1. EDUCATIONAL PSYCHOLOGY. B.S., Ohio, 53; M.S., Akron, 57; univ. grant, Western Reserve, 60, Cuyahoga Assn. Retarded Children & Adults grant, 65-66, Ph.D. (ed. psychol.), Case Western Reserve, 69. Teacher & supvr. testing, remedial & testing prog., North Industry, Ohio, 53-55; sch. psychologist, Cleveland Bd. Ed., 67-61; Cuyahoga County Bd. Ed., 61-64, chief sch. psychologist, 64-67; lectr., sch. psychol. prog., Case Western Reserve, 66-68; ASSOC. PROF. PSYCHOL., WESTERN CAROLINA, 68- U.S. Off. Ed. consult, Stanford Res. Inst., 69-70. U.S.N., 46-48. AAAS; Psychol. Assn; Int. Soc. Study Symbols. Language and learning disabilities; psychodiagnostic evaluations and individual counseling; school and educational psychology; psycholinguistic research and cognitive functioning. Publ: Toward an identity for school psychologists, Am. Psychologist, 67; Some questions and imperatives concerning the territories of the school psychologist, 68 & co-auth. The performance of two culturally divergent groups of children on a culture free test, 70, J. Sch. Psychol. Address: Dept. of Psychology, Western Carolina University, Cullowhee, N.C. 28723.
- CHRISTAKIS, DR. ALEXANDER, b. Athens, Greece, Sept. 19, 37; m. 81; c. 3. SYSTEMS ANALYSIS. A.B., Princeton, 59; M.S., Yale, 61, Ph.D. (physics), 64. Res. assoc. physics, Yale, 64-65; consult, Doxidate Associates, Ltd., 65-67, DIR. RES., DOXIDATE-SYST. DEVELOP. CORP., 67- Greek Army, 65-67. Phys. Soc. Assn; Comput. Mach. Economet. Soc. Application of systems methodology to urban problems; analysis of economic and demographic data at the national scale. Publ: Co-auth. Social indicators in

- perspective, Soc. Psychol. Corp., 7/69. Systems approach to public policy estimation, Socio-econ. Planning, J. 10/69. Address: 3900 Huntington St. N.W., Washington, D.C. 20015.
- CHRISTENSEN, PROF. EDWARD L. B. Centerfield, Utah, Oct. 19, 13; m. 38; c. 3. COMMUNICATIONS, BUSINESS MANAGEMENT. B.S., Utah, 38, M.S., 39, Ph.D. (ed. admin), 53; Stanford, 47, 49. Instr. bus., Dixie Coll., 41-42; treas. ext. div., Utah, 42-43, Jr. Ogden Res. Center, 47-53; instr. bus. & econ., Weber State Coll., 47-53; PROF. BUS. BRIGHAM YOUNG, 53- Res. assoc., Pa. State, 59-60, 65-66, lectr., 68-69; summer, vis. prof., Ford Found. Case Conf., Harvard, Grad. Sch., Bus. 62. Prof. agr. U.S.A. 43-46, 53/54. Quantified analysis of differentiated vocabularies. Publ. Co-auth., Correspondence Education in the United States, In: Carnegie education series, McGraw, 68, Readings in worldwide independent study, Pa. State Univ., 70 & Challenge and change in education for business, Ed. Record, 1/63. Address: 490 East 1070 South, Orem, Utah 84057.
- CHRISTENSEN, DR. HOWARD ANTHONY. Medical Entomology & Parasitology. See Suppl. V to 11th ed. Phys. & Biol. Vols.
- CHRISTENSEN, DR. LAURITS RAY, B. Manitowish, Wis., Jan. 31, 41; m. 67. ECONOMICS. B.A., Cornell, 64; M.A., California, Berkeley, 66; Ph.D. (econ), 68. ASST. PROF. ECON. WISCONSIN, MADISON, 67- Economet. Soc. Econ. Assn. Econometrics; economic theory; international economics. Publ. Co-auth., The measurement of U.S. real capital input, 1929-1967, 12/69 & U.S. real product and real factor input, 1929-1967, 3/70, Rev. Income & Wealth; author, Policy expenditures in a model of general equilibrium, Am. Econ. Rev., 5/70. Address: Dept. of Economics, University of Wisconsin, Madison, Wis. 53706.
- CHRISTENSEN, ROBERT LAWRENCE. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position; address: Assoc. prof., food econ, Massachusetts, Amherst, 68- Address: North Main St., Sunderland, Mass. 01375.
- CHRISTENSEN, PROF. DONALD (D.E.). Marketing, Business Management. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position; Assoc. dean & dir. grad. prog., 69- College of Business Administration, Wichita State University, Wichita, Kans. 67208.
- CHRISTENSEN, DR. RONALD (SIDNEY). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. & chmn. 69- Dept. of Political Science, Gustavus Adolphus College, St. Peter, Minn. 56082.
- CHRISTIAN, DR. CHESTER C. Jr. Spanish, Sociology. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang., Ling. & Philol.
- CHRISTIANSEN, DR. RUDOLPH A. B. Wittenberg, Wis., Oct. 2, 10; m. 37; c. 1. AGRICULTURAL ECONOMICS. B.S., Wisconsin, State, River Falls, 33; M.S., Wisconsin, Madison, 54, Ph.D. (farm mgt. agr. econ), 56. Farm mgt. specialist, Wis. Emergency Relief Admin., Resettlement Admin., Farm Security Admin., Fed. Housing Admin. 34-51; AGR. ECONOMIST, farm prod. econ. div., ECON. DEV. SERV. U.S. DEPT. AGR., 57-66, NATURAL RESOURCE ECON. DIV. 66- U.S.N. 44-66, Lt. (jg). Agr. Econ. Assn. Soil Conserv. Soc. Am. Economics of conservation; agricultural credit; recreation resources. Publ. Co-auth., Potential crop and livestock production and net farm income on dominant soils in northwest Wisconsin, 5/60, Bank credit for agriculture in Wisconsin, 6/62 & Economic aspects of privately owned fishing enterprises in Wisconsin, 5/69, Univ. Wis. Address: University of Wisconsin, 4601 Hammersley Rd., Madison, Wis. 53711.
- CHRISTIANSEN, PROF. TED, B. Chicago, Ill. Sept. 6, 22; m. 51; c. 1. PSYCHOLOGY, SPECIAL EDUCATION. B.S., New Mexico, 51, M.A., 59; State of Utah, 61; Utah, 64-66, Ph.D. (psychol), 66. Teacher & couns. pub. schs., N.Mex., 52-64; asst. prof. SPEC. ED., New Mexico Highlands, 66-67; New Mexico, 67-69; PROF. & HEAD DEPT., MADISON COLL., 69- Spec. ed. consult. pub. schs., Las Vegas, N.Mex., 66-67. Mem. Gov. Task Force Teacher Ed. N.Mex., 66-68, Gov. Task Force Voc. Rehab. Ment. Retarded, 68- Psychol. Assn. Asn. Ment. Retarded, 69- Coun. Except. Children, Exceptional children, especially mediation studies, learning styles, visual imagery and stimulus deprivation. Publ. Co-auth., Visual imagery and level of mediator abstractness in induced mediation paradigms, Perceptual & Motor Skills, 26: 775-779; auth., Visual imagery as a factor in teaching elaborate language to retarded children, Except. Children, 35: 539-541 & Sex and social mediators in the development of sex differences in mate association, Psychonomic Sci., 14: 160. Address: Dept. of Special Education, Madison College, Harrisonburg, Va. 22801.
- CHRISTIE, DR. ROBERTA. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. grad. & counseling, 69- School of Education, Loyola University of Chicago, 620 N. Michigan Ave., Chicago, Ill. 60611.
- CHRISTINA (SCHWARTZ), SISTER M., I.H.M., B. Grand Rapids, Mich., July 23, 07. SOCIOLOGY. A.B., Marygrove Coll., 30; Nat. Cath. Sch. Social Serv., 31-32; Ph.D., Catholic Univ., 38; summer, Uppsala, 64. Soc. worker, dept. pub. welfare, Detroit, Mich., 30-31; Montgomery County Soc. Serv. League, Md., 31-32; teacher, high sch., 34-35; asst. prof. SOC., 35-36, 38-39, 42-43, asst. prof. SOC., 44-45; PROF. HEAD DEPT., 44- Del. Coun. Soc. Work Ed., 75- Participant, Inst. Soc. Work, Coun. Soc. Work Ed. & Childrens Bur., Seattle, Wash., 67. Nat. Assn. Soc. Workers. Religious vocations; the American Catholic family. Publ. Social contribution of the Catholic Church in France, 1815-1870. Address: Dept. of Sociology, Marygrove College, Detroit, Mich. 48221.
- CHRISTOPH, PROF. JAMES BERNARD. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Political Science, Indiana University, 253 Woodburn Hall, Bloomington, Ind. 47401.
- CHRISTOPHER, DR. STEVEN B. B. Zanesville, Ohio, July 23, 41; m. 64; c. 1. ANIMAL BEHAVIOR ZOOLOGY. B.S. Ohio, 63; M.S. Cincinnati, 66; Ph.D.,
- (zool. psychol., Pa. State, 68. ASST. PROF. PSYCHOL. EAST. WASH. STATE COLLEGE, 69- AAAS: Soc. Asst. Prof. Zool. Animal Behav. Soc. Int. Soc. Develop. Psychobiol. Ontogeny of avian and primate social behavior; animal communication; filial and mating bonds; social deprivation; behavioral ecology. Publ. Co-auth., Specificity of visual imprinting in domestic turkeys, 68 & auth., Effects of age and experience on imprinting in turkeys and chickens, 69. Ann. Zool., 69. Address: Dept. of Psychology, Eastern Washington State College, Cheney, Wash. 99004.
- CHU, DR. HSIEH-JEN, B. Nanking, China, June 6, 30; m. 63; c. 2. SOCIOLOGY, DEMOGRAPHY. B.A., Chung Hsing Univ., Taiwan, 58; M.A., Fisk, 62; Vanderbilt, 62-63; Ph.D. (sociol.), Florida, 66. Asst. prof. SOCIOLOG., Bradley, 66-69; ASSOC. PROF., STATE UNIV. N.Y. COL. OSWEGO, 69- Sociol. Assn. Pop. Assn. Am.; fel. China Acad. Migration and cross-cultural studies of the family. Publ. Co-auth., A cross-cultural study of the relationships between family types and social stratification, 5/69 & auth., A note to utilizing Murdock's ethnographic survey materials for cross-cultural family research, 5/69, J. Marriage & Family: The redistribution of the population in Taiwan, Ann. Meeting Pop. Assn. Am., 4/70. Address: Dept. of Sociology & Anthropology, State University of New York College at Oswego, Oswego, N.Y. 13126.
- CHU, DR. SOLOMON S. P. B. Hong Kong, Nov. 11, 37; m. 68. SOCIOLOGY. B.A., Hong Kong, 59; M.A., Michigan, 63, Ph.D. (sociol.), 69. Res. asst. pop. res., Michigan, 62-66; lectr. SOCIOLOG., STATE UNIV. N.Y. BUFFALO, 66-69; ASST. PROF., 69- Sociol. Assn.; Psychol. Assn.; Pop. Assn. Am. Population and human ecology: socio-economic correlates of fertility, family function and human ecology. Address: Dept. of Sociology, State University of New York at Buffalo, Buffalo, N.Y. 14214.
- CHUANG, DR. YAO HUANG. Econometrics, Agricultural Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Teacher quantitative decision making, Central Michigan, 69- Address: Systems Analysis Dept., Dow Chemical Co., 256 Bldg., Midland, Mich. 48660.
- CHUMBLEY, DR. JAMES IVYL, B. Des Moines, Iowa, Oct. 31, 38; m. 60; c. 4. PSYCHOLOGY. A.B., Drake, 60; M.S., Ed. Indiana, 63, U.S. Pub. Health Serv. fel. & Ph.D. (psychol), 67. ASST. PROF. PSYCHOL., MASSACHUSETTS, AMHERST, 67- Psychol. Assn. Mathematical psychology; human learning; problem solving. Address: Dept. of Psychology, University of Massachusetts, Amherst, Mass. 01002.
- CHUNG, DR. KAE HOON, B. Seoul, Korea, Jan. 26, 37; m. 59; c. 2. BUSINESS ADMINISTRATION. B.A., Seoul, 59; M.B.A., La. State, 65; fel. 67, Ph.D. (mgt), 68. Asst. prof. MGT., NORTHERN ILLINOIS, 67-68, ASSOC. PROF., 68- faculty res. grants, 68-69, acad. res. 69. Acad. Mgt.; Inst. Decision Sci. Human behavior in organizations, motivation and performance; organizational behavior; operations research and management. Publ. A Markov model of inventory needs: an extension of Naslov's need theory, Acad. Mgt. J., 6/69; Toward a general theory of motivation and performance, Calif. Mgt. Rev., spring 69; Computer simulation of a queueing system, J. Prod. & Inventory Mgt., 69 & Indust. Mgt., 9/69. Address: 1314 Suburban Apt., DeKalb, Ill. 60115.
- CHURBA, PROF. JOSEPH. International Relations, Middle East Studies. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CHURCHILL, DR. DON W. B. Seattle, Wash. Feb. 5, 30; m. 55; c. 3. PSYCHIATRY. B.S., Lawrence Coll., 51; M.S., Wisconsin, 56, M.D. 57. Instr. path., Wisconsin, 53-56; intern, King County Hosp., Seattle, Wash. 57-58; res. psychiat., Cincinnati Gen. Hosp., 58-60, fel. child psych., 60-61; asst. prof. PSYCHIAT., MED. CENTER, INDIANA, INDIANAPOLIS, 64-68, ASSOC. PROF., 68- Consult. Ind. Boys' Sch., 64-69; Ind. Sch. for Deaf, 69-70. Dipl. psychol. Am. Bd. Psychiat. & Neurol., 63, child psychiat., 66. U.S.N.R. 62-64, Lt. Comdr. AAAS: Psychiat. Assn. Pathology of connective tissue and hematopoietic disorders in psychoses; childhood psychoses; language development and its relation to performance and cognitive levels; relationship of success-failure to affect, mood and specific behavioral measures. Publ. Co-auth., Infantile autism: proceedings of the Indiana University colloquium, C.A. Thomas, 70; Identification of perceptual limitations in nonverbal children, Am. J. Psychol., 69: 129-137; auth., 1959-1960, Ind. children and behavior modification, Am. J. Psychiat., 125: 1585-1590. Address: 1315 W. Tenth St., Indianapolis, Ind. 46202.
- CHYATTE, JOSEPHINE SEGATTO, B. New York, N.Y., Apr. 26, 29; m. 52; c. 2. PSYCHOLOGY. B.A., Queens Coll. (N.Y.), 50; Catholic Univ., 50-52; M.D., Pa., Northwestern, 65-66. PSYCHOLOGIST, OAK PARK ED. ILL., 68- Learning disabilities; tests and measurements; social interaction in psychotherapy; behavior modification. Publ. Co-auth., Social interaction in psychotherapy: abreaction as interpreted through brain blood-shift theory, Psychosom. & Psychosom. 67. Address: 1009 N. Lombard Ave., Oak Park, Ill. 60302.
- CIANCI, DR. SALVATORE NUNZIO, B. New Britain, Conn., Apr. 7, 30; m. 67; c. 2. PHYSIOLOGICAL PSYCHOLOGY. B.A., Connecticut, 51, U.S.A., 52; U.S. Pub. Health



- CIAVARELLA, PROF. MICHAEL ANTHONY, b. Altoona, Pa., May 26, 29; m. 59; c. 2. COUNSELING, GUIDANCE. B.S. Pa. State, 56, M.Ed., 58, D.Ed., 63. Teacher, high sch., Pa., 56-59; dir. guid., Upper Dauphin High Sch., Pa., 59-62; Col. couns., Lehigh, 63-64; PROF. ED. & PSYCHOL. SHIPPENSBURG STATE COL., 64. U.S.A. 50-52, 5/52. Personnel & Guid. Assn.; Nat. Voc. Guid. Assn. Career development; vocational appraisal. Publ. The counselor as a participant in minimizing curricular frustrations, *Couns. Ed. & Supv.*, 1/68; Misconceptions about psychology and psychologists among senior high school students, *Col. Rev.*, 9/69; Manifestations of teacher maladjustment in the classroom, Pa. Sch. J., (in press). Address: Dept. of Education & Psychology, Shippensburg State College, Shippensburg, Pa. 17257.
- CICAK, DR. FEDOR (IVAN), b. Pozega, Yugoslavia, June 17, 16; U.S. citizen; m. 41; c. 5. POLITICAL SCIENCE, LAW. Dr. Jur., Zagreb, 40; M.A., Indiana, Bloomington, 56, Ph.D. (pol. sci.), 65. Doct. phil. anal., Saarlandes, 49-50; res. asst. inst. E. European Studies, Indiana, 51-52; asst. lib. for collection, law sch., 54-59; resident lectr., POLIT. SCI., INDIANA NORTHWEST, 59-65, ASST. PROF., 65-66, ASST. CHMN. DEPT. GOVT., 58-60. Polit. Sci. Assn. Modern political ideologies; systems of social control; political parties and pressure groups; social engineering. Publ. Catalog of source materials, Part II, 52 & co-auth. Collectivization as a basic vulnerability of Yugoslavia, 52, Ind. Univ. Address: 208 E. Seventh St., Hobart, Ind. 46342.
- CICCHETTI, DR. CHARLES JOSEPH, b. Jersey City, N.J., July 31, 43; m. 63; c. 2. ECONOMICS, ECONOMETRICS. A.B. Colo. Col., 65; Ph.D. (econ), Rutgers, 69. Head night auditor, Broadmoor Hotel, 64-65; res. asst., Rutgers, 66-68. Instr., Rutgers, 68-69; RES. ASSOC. ECON. RES. RE-SOURCES FOR FUTURE, WASH. D.C., 69-70; West Union, Inc., 66-69; consult. for Appalachian Regional Cmn. & State of N.Y., R.R. Nathan Assoc., 68-69; consult. for State of Hawaii, Mathematica, Inc., U.S.A.F., 61-67. Econ. Assn.; Econometric Soc. Econometric research in the area of natural resources and environmental quality. Publ. Co-auth. User response in outdoor recreation: a production analysis, J. Leisure Res., winter 69 & The demand for public communication, J. Regional Sci., winter 69. The demand and supply of outdoor recreation, U.S. Dept. Interior, 6/69. Address: 8206 Custer Rd., Bethesda, Md. 20034.
- CICCHETTI, DR. DOMENICO V., b. Waterbury, Conn., Apr. 5, 37; m. 69. PSYCHOLOGY, Ph.D. Connecticut, 59, M.A., 60, Ph.D. (psychol.), 65. Res. soc. psychologist, Vet. Admin. Hosp., Brockton, Mass., 60-63; assoc. res. psychol., Yale, 63-65; res. assoc., VET. ADMIN. HOSP., WEST HAVEN, 65-67, RES. PSYCHOLOGIST & BIostatistician, EAST. RES. SUPPORT CENTER, 67. Lectr., Yale, 67- AAAS; Statist. Assn.; Psychol. Assn. Psychopathology; psychotherapy; statistics. Publ. A test of the cure-deficit model in schizophrenia employing the Rodnick-Garmey visual discrimination task, 8/67; Reported family dynamics and psychopathology: the reactions of schizophrenics and normals to parental dialogues, 6/67 & Reported family dynamics and psychopathology: the reactions of mental patients to a disturbed family in psychotherapy, 4/68, J. Abnorm. Psychol. Address: Box 272, Stony Creek, Conn. 06405.
- CIEPLAK, DR. TADEUSZ (OWAK), b. Tarnopol, Poland, Oct. 7, 18; U.S. citizen; m. 48. POLITICAL SCIENCE, COMPARATIVE GOVERNMENTS. B.A., J. Slowacki Lyceum, Tarnopol, Poland, 36; Lwow & Warsaw Univs., 36-39; B.C.L., Oxford, 46; LL.M., McGill, 55, Ph.D. (pol. theory), 62. Asst. prof. int. rels., San Francisco State Col., 61-63; pol. sci., Pa. State, 63-64, pol. sci. & hist. Alliance Col., 64-65; ST. JOHN'S N.Y., 65-69, WINSTON-SALEM, POLIT. SCI., 69. Mem., Pres. Adv. Coun. on Humanities & Prnl. Res., summer, 69. Polit. Sci. Assn.; Asn. Adv. Slavic Stud. General politics in Poland; the role and function of the non-Communist parties in Poland since 1956; the contribution of Petrzycki's sociological school of law to the general science of law. Publ. Poland since 1956, Twynne, 70; Ups and downs in Polish agriculture, World Agr., 7/58. Address: Dept. of Political Science, St. John's University, Jamaica, N.Y. 11432.
- CIKLIC, PETER. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn. dept., Loyola (Calif), 69- Address: 7101 W. 80th St., Los Angeles, Calif. 90045.
- CIMBALA, DR. STEPHEN J., b. Pittsburgh, Pa., Nov. 4, 43; m. 67. POLITICAL SCIENCE. B.A. Pa. State, 65; Nat. Defense Ed. Act fel., Wisconsin, 65-68, M.A., 67, Ph.D. (pol. sci.), 69. ASST. PROF. POLIT. SCI., STATE UNIV. N.Y. STONY BROOK, 69- State Univ. N.Y. Res. Found. faculty res. fel., summer 69. Int. relations politics and foreign policy; military policy and administration; comparative politics; organization theory; political psychology. Publ. Foreign policy as an issue area, *Am. Polit. Sci. Rev.*, 3/69. Address: Dept. of Political Science, State University of New York at Stony Brook, Stony Brook, N.Y. 11790.
- CIMBALO, DR. RICHARD S., b. Buffalo, N.Y., July 14, 42; m. 62; c. 2. PSYCHOLOGY, Ph.D. State Univ. N.Y. Buffalo, 60, Ph.D. (psychol.), 69; Louisville 64-65. ASST. PROF. PSYCHOL., ROSARY HILL COL., 67. Psychol. Assn. Human memory; information processing. Publ. Co-auth. Effects of darkness, constant illumination and synchronized photic stimulation on auditory sensitivity to pulsed tones, 66, auth. Short-term memory: effects of auditory and visual similarity, 68 & Short-term memory: effects of type of trigram isolated and position of isolation, 70, *Psychonomic Sci.* Address: Dept. of Psychology, Rosary Hill College, 4380 Main St., Buffalo, N.Y. 14226.
- CINQUEMANI, DOROTHY KYTE. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Instr., New Sch. Soc. Res., 69- Address: 136 W. 18th St., New York, N.Y. 10011.
- CISAR, DR. MARY ANN, b. Caldwell, Ohio, Aug. 24, 32. POLITICAL SCIENCE. B.A., Ohio State, 59, M.A., 62, Ph.D. (pol. sci.), 65. ASSOC. PROF. POLIT. SCI., CALIF. STATE COL., SAN BERNARDINO, 65-69. Germany and developing nations' contemporary social problems. Address: 3772 Fernside Ave., San Bernardino, Calif. 92404.
- CIZON, PROF. FRANCIS (ANTHONY). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. sociol., Indiana Northwest, 69- Address: 8403 Delaware Place, Highland, Ind. 46322.
- CLAGETT, DR. ARTHUR FRANK, JR., b. Little Rock, Ark., Dec. 16; m. 54. SOCIOLOGY. B.A. Baylor, 43; M.A., Arkansas, 57; Ph.D. (sociol.), La. State, 68. Shift chemist, Celanese Corp. Am., 42-44; prod. shift suvr., Commercial Solvents Corp., 44-46; res. suvr., streptomycin pilot plant, antibiotic div., Schenley Indust., Inc., 45-48; asst. mgr. Clagett Feed & Seed Bldg., 48-50; teaching asst., psychology, Arkansas, 50-51; med. serv. rep., Blue Line Chem. Co., Mo., 52-56; prison classification officer I & II & psychol. asst. II, La. State Penitentiary, 56-60; counseling psychologist, La., 60-64; asst. prof. SOCIOL., Lamar State Col., 64-66; ASSOC. PROF., STEPHEN F. AUSTIN STATE, 68- Personnel & Guid. Assn. Empirical investigations of relationships affecting social interaction, social change, social control and criminal psychodynamics. Publ. Criminal psychodynamics: a conceptual hypothesis of etiology, *Corrective Psychol. & J. Soc. Therapy*, spring 63; Neo-behaviorist principles of social and cultural change: revision and synthesis of Martindale's propositions, 3/64 & Theoretical continuities in conceptual formulations of social cohesion and control in social relations, 9/87, *Int. J. Comp. Soc. Address: P.O. Box 6173, Stephen F. Austin Station, Stephen F. Austin State University, Nacogdoches, Tex. 75961.*
- CLAGUE, DR. CHRISTOPHER K (ARRAN), b. Washington, D.C., May 28, 38; m. 60; c. 2. ECONOMICS. B.A., Swarthmore Col., 60; Ph.D. (econ), Harvard, 66. Instr., econ., Harvard, 65-67; staff economist, Coun. Econ. Adv., 67-68; ASST. PROF. ECON., MARYLAND, 69- Consult. Orgn. Econ. Cooperation & Develop., Peruvian Productivity Center, Lima, Peru, 69; summer, Agency Int. Develop., 68. Econ. Assn. Capital-labor substitution in underdeveloped countries; economies of Peru and Haiti; tariff preferences in international trade. Publ. An international comparison of industrial efficiency: Peru and the United States, *Econ. & Statist.*, 11/67; Capital-labor substitution in manufacturing in underdeveloped countries, *Econometrica*, 7/69; The determinants of efficiency in manufacturing industries in an underdeveloped country, *Econ. Develop. & Cult. Change*, 1/70. Address: Dept. of Economics, University of Maryland College of Business & Public Administration, College Park, Md. 20742.
- CLAGUE, DR. EWAN. Labor Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Leo Kramer, Inc., 1835 K St. N.W., Washington, D.C. 20006.
- CLAIBORN, MAJ. EDWARD LEE, U.S.A.F. b. Kimberly, Idaho, Apr. 3, 33; m. 52; c. 2. ECONOMICS. B.S. Idaho, 55; M.A., Princeton, 61, Ph.D. (econ), 64. U.S. AIR FORCE, 55-58, asst. instr. ECON., Princeton, 60-61, instr. U.S. AIR FORCE ACAD., 61-62, asst. prof., 62-64, assoc. prof., 64-65, TENURE ASSOC. PROF., 65- Econ. Assn. International trade theory; international monetary theory; monetary theory and policy; defense economics. Address: Dept. of Economics, U.S. Air Force Academy, Colo. 80840.
- CLAIR, DR. DEAN (JAMES). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Expert ed. psychol., UNESCO, 69- Address: c/o Resident Representative, UN Development Programme, Casilla 197-D, Santiago, Chile.
- CLAPP, PROF. CHESTER D (ILLINGHAM), JR. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. psychol. & chmn., 69-, Dept. of Psychology & Sociology, Purdue University, Calumet Campus, 2233 171st St., Hammond, Ind. 46323.
- CLARK, DR. ALEXANDER LOGIE. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. sociol. & assoc. dean, 70-, Lyndon B. Johnson School of Public Affairs, University of Texas, Austin, Tex. 78712.
- CLARK, PROF. ANDREW HILL. Geography. See A-K Vol, 11th ed, Soc. & Behav. Vols. New publ.: Acadia: the geography of early Nova Scotia to 1760, *Univ. Wisconsin*, 68. Address: Dept. of Geography, University of Wisconsin, Madison, Wis. 53705.
- CLARK, PROF. CARL (ARTHUR). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1400 M. Lake Shore Dr., Apt. 21-F, Chicago, Ill. 60610.
- CLARK, DR. CAROLYN, b. San Antonio, Tex., May 11, 41. ECONOMICS. A.B., Wellesley Col., 63; M.A. California, Berkeley, 67, Ph.D. (econ), 70. ASST. PROF. ECON., BRITISH COLUMBIA, 67- Econ. Assn.; Can. Econ. Assn. Monetary theory and policy; the demand for money and related areas. Publ.: Co-ed., Canadian readings in money and banking, Prentice-Hall, Can. (in press). Address: Dept. of Economics, University of British Columbia, Vancouver 8, B.C., Can.
- CLARK, DENNIS. Modern History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CLARK, DR. HERBERT (HORACE). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, Dept. of Psychology, Stanford University, Stanford, Calif. 94305.
- CLARK, DR. HERBERT JAMES. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Chief, operator training br., 68-, Air Force Human Resources Lab. (HRTTO), Wright Patterson Air Force Base, Ohio 45433.
- CLARK, PROF. JAMES RATCLIFFE. Education, Religion. See 5th ed, Dir. Am. Scholars, Vol. IV, Philis., Relig. & Law.
- CLARK, DR. JOHN P. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 68-, Dept. of Sociology, University of Minnesota, Minneapolis, Minn. 55455.
- CLARK, PROF. PAUL G (ORDON). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. econ. & chmn., 69-, Center for Development Economics, Williams College, Williamstown, Mass. 01267.
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63. Asst. prof. PSYCHOL. OHIO STATE, 63-66, ASSOC. PROF. 66- Burke Aarons Hindsdale scholar, Michigan, 63-64. Consult. ed, series in psychol. & human develop, McGraw-Hill Book Co, 66-; consult, U.S. Off. Econ. Opportunity, 67- U.S.A.F., 51-53, Res. 1st Lt. Psychol. Asst; Soc. Res. Child Develop; Ed. Res. Asst; Nat. Coun. Measurement in Ed. Developmental and educational psychology; cognitive styles; individual differences; creativity. Address: Dept. of Psychology, Ohio State University, 1945 N. High St., Columbus, Ohio 43210.
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- CLEVELAND, PRES. HARLAN. Public Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Pres., 69-., University of Hawaii, 2444 Dole St., Honolulu, Hawaii 96822.
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- CLIFTON, DR. (HESLER) STANLEY. Social Work. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-, Dept. of Sociology, Angelo State University, San Angelo, Tex. 76901.
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- Publ: Co-auth. Conditioned stimulus flash rate and efficiency of conditioning. *J. Comp. & Physiol. Psychol.* 60; auth. Rated association values of 251 colors. *J. Verbal Learning & Verbal Behav.* 68; co-auth. The Delphi method. II: structure of experiments, Rand Corp. 69; Address: Dept. of Psychology, East Texas State University, Commerce, Tex. 75428.
- COCKCROFT, DR. JAMES DONALD. Latin American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CODY, PROF. JOHN JAMES, b. La Crosse, Wis. June 10, 30; m. 55; c. 4. EDUCATIONAL PSYCHOLOGY. B.S. Wis. State, La Crosse, 56; M.A. Iowa, 59; Ph.D. (counseling), Wisconsin, 61. Asst. prof. couns. ed, Indiana, Bloomington, 61-65; assoc. prof. Ed. PSYCHOL., SOUTHERN ILLINOIS, 65-67. PROF. & CHM. DEPT. 67- Dir. A Planning Grant Eldorado, III, 66-67. Psychol. Asst. Personnel & Guid. Asst. Counseling outcomes and training procedures; measurement of intelligence. Publ: Co-auth. Educational psychology: a behavioral approach, Merrill, 69; auth. Appraisal of disadvantaged youth. In: Counseling the disadvantaged youth, Prentice-Hall, 68. Address: Dept. of Guidance & Educational Psychology, Southern Illinois University, Carbondale, Ill. 62901.
- COE, PAUL F(RANCIS). Economics, Statistics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Spec. asst. housing div, Bur. Census, Wash, D.C. 69- Address: 601 N. Buchanan St, Arlington, Va. 22203.
- COE, DR. ROBERT STANFORD. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. & head, 69- Dept. of Business Administration, Angelo State University, San Angelo, Tex. 76901.
- COELHO, DR. GEORGE V(ICTOR). Social & Clinical Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Specialist behav. sci. 69-, Office of Assistant Director for Extramural Programs & Behavioral Sciences, National Institute of Mental Health, Barlow Bldg, Room 14 A-01, 5454 Wisconsin Ave, Chevy Chase, Md. 20203.
- COFER, PROF. CHARLES N(ORVAL). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: Pennsylvania State University, 450 Psychology Bldg, University Park, Pa. 16802.
- COFFMAN, DR. WILLIAM E(UGENE). Educational Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: E.F. Lindquist prof. ed. measurement & dir, Iowa testing prog, 69-, University of Iowa, 1102 East Hall, Iowa City, Iowa 52240.
- COGAN, DR. DENNIS CLARK. Experimental Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, 69-, Dept. of Psychology, Texas Tech University, Lubbock, Tex. 79407.
- COGAN, DR. JOHN JOSEPH, b. Youngstown, Ohio, May 30, 42; m. 63; c. 1. EDUCATION. B.S. Ed. Kent State, 63; M.A. Ohio State, 65; U.S. Off. Ed. fel. 66-67, Ph.D. 69. Teacher pub. schs. Ohio, 63-65; asst. elem. ed. Ohio State, 65-66; acting dir. soc. sci. consortium, Asn. Am. Geographers, 67, dir. proj. II, 67; teaching assoc. ELEM. Ed, Ohio State, 68; ASST. PROF., Wittenberg, 68-69; MINNESOTA, MINNEAPOLIS, 69- Critical thinking; citizenship education; political socialization; values. Address: 101 Burton Hall, University of Minnesota, Minneapolis, Minn. 55455.
- COGGESHALL, ROBERT WALDEN. Political Science, Public Administration. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Independent consult, 69- Address: Ballentine, S.C. 29002.
- COHEN, DR. BERNARD, b. Suffern, N.Y. Nov. 16, 37; m. 60; c. 4. SOCIOLOGY, CRIMINOLOGY. B.A. Yeshiva, 59; M.A. Pennsylvania, 61; A.D. Pennsylvania, 64, fel. 66-68, Ph.D. (sociol), 68. Lectr. criminol., Pennsylvania, 66-68; ASST. PROF. SOCIOLOGY, QUEENS COL. (N.Y.) & SOC. SCIENTIST, RAND INST, NEW YORK, N.Y., 68- Consult, Dept. Health, Ed. & Welfare, 67-68. Sociol. Asn. Juvenile delinquency; police personnel flow and incentive reward systems. Publ: Co-auth. Crime and race, Inst. Human Rel., 70; auth. The sociology of delinquent gangs and spontaneous groups & interethnic conflict: the offender. In: Delinquency: selected studies, Wiley, 69. Address: 55-25 98th Place, Rego Park, N.Y. 11368.
- COHEN, DR. CHARLES P., b. New York, N.Y. Oct. 3, 33; m. 57; c. 3. PSYCHOLOGY. B.A. City Coll. New York, 54, M.S. 58; D.Phil. Kansas, 63. Staff psychologist, Vet. Admin. Center, 63-67; ASST. PROF. CLIN. PSYCHOL., HOUSTON, 67- Lectr. exten. div. Kansas, 63-66. Psychol. consult, Head Start Prog, Houston, 67-68; Tex. Res. Inst. Ment. Sci., 67-; res. consult, Vet. Admin. Hosp, 69- Psychol. Asn. Personality patterns of drug abusers; interpersonal factors in emergent leaders of human relations training laboratories; personality patterns of clients at university counseling service. Publ: Correspondence course—introductory psychology, Exten. Div. Univ. Kansas, 63; co-auth. Psychological barriers to communication in drug-abusers, Symp. Drug Abuse, Rutgers, 69 & Psychological set and communication in drug abusers, Symp. Drug & Alcohol Addiction, Sidney, Australia, 70. Address: Dept. of Psychology, University of Houston, Houston, Tex. 77004.
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- COHEN, DANIEL. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 1400 Winding Way Lane, Silver Spring, Md. 20902.
- COHEN, DR. DOROTHY, b. Bronx, N.Y. Jan. 28, 18; m. 42; c. 2. MARKETING, BUSINESS. B.A., Brooklyn Col., 39; M.B.A. Hofstra, 58; Ph.D. (bus), Columbia, 67. Lectr. MKT, Sch. Gen. Studies, Columbia, 61-62; asst. prof. HOFSTRA, 62-67; ASSOC. PROF. 67- Mkt. Asn. Legal developments in advertising regulation of unfair practices; consumer protection; regulatory commissions. Publ: The Federal Trade Commission and the regulation of advertising in the consumer interest, *J. Mkt.* 1/69; column, Regulation of unfair practices, *quart. J. Mkt.*; ed. Communication systems between management and the consumer in selected industries, Yearbook of Bus. Hofstra Univ., 69. Address: Dept. of Management, Marketing & Business Studies, Hofstra University, Hempstead, N.Y. 11550.
- COHEN, DR. EDWIN. Clinical Psychology, Speech Pathology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Chief psychol. serv. Vet. Admin. Hosp, Gainesville, 68-; assoc. prof. clin. psychol., Florida, 68- Address: Veterans Administration Hospital, Gainesville, Fla. 32601.
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- COHEN, PROF. IRA S(TANLEY). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Provost, 69-, Faculty of Social Sciences, State University of New York at Buffalo, Buffalo, N.Y. 14214.
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- COHEN, PROF. JOSEF. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. psychol., Illinois, Champaign. Address: 303 Burkwood Court West, Urbana, Ill. 61801.
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- COHEN, DR. SHELDON MORRIS. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-, Dept. of Psychology, Jacksonville University, Box 27, Jacksonville, Fla. 32211.
- COHEN, DR. STEPHEN P., b. Chicago, Ill. Mar. 9, 36; m. 58; c. 3. POLITICAL SCIENCE. B.A. Chicago, 58, M.A. 59; Ph.D. (polit. sci.), Wisconsin, 67. ASST. PROF. POLIT. SCI. & ASIAN STUDIES, ILLINOIS, URBANA, 65- Sr. fel. Am. Inst. Indian Studies, 68-69. Asn. Asian Studies; Polit. Sci. Asn. Role of military in developing societies, especially South Asia, including relationship to social system and policy making. Publ: The train meet: the British Indian Army, Univ. Calif. 70; Issue, role and personality, Comp. Studies Soc. & Hist. 68; The untouchable soldier: caste and politics in the Indian Army, *J. Asn. Studies*, 69. Address: Dept. of Political Science, University of Illinois, Urbana, Ill. 61801.
- COHN, DR. BARBARA NORFLEET. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New pub. Six speak, Cambridge Civic Assn, 67. Address: 79 Raymond St, Cambridge, Mass. 02140.
- COHN, DR. ELCHANAN, b. Tel-Aviv, Israel, Jan. 16, 41; m. 63; c. 1. ECONOMICS. B.A. Minnesota, 63, M.A. 65; Ph.D. (econ), Iowa State, 68. Instr. & res. assoc. ECON, Iowa State, 67-68; ASST. PROF., PA. STATE, 68- Econ. Asn. Economics of education & health; economics of poverty and manpower research. Publ: Economics of scale in low high school operations, *J. Human Resources*, 411 Bouck Bldg, Pennsylvania State University, University Park, Pa. 16802.
- COHN, DR. JULES. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Sr. urban res. scientist, McKinsey & Co., 69- Address: 4 Washington Square Village, Apt. 3-P, New York, N.Y. 10012.
- OKER, DR. DAVID L(EE), b. White Hall, Ill. Apr. 13, 37; m. 61; c. 1. PSYCHOLOGY. B.S. Western Illinois, 59; M.A. Iowa, 61; Ed.D. (counseling), Indiana, 66. Head couns. res. counseling prog, Iowa, 59-61; assoc. head couns. res. counseling prog, Indiana, Bloomington, 61-63; couns. univ. counseling serv, 64-66; counseling psychologist, Indiana, Indianapolis, 63-64; ASSOC. PROF. PSYCHOL. & DIR. COUNSELING CENTER, WIS. STATE, STEVENS POINT, 66- Teacher & couns. wis. State Univ. Semester Abroad Prog, Eng. & vis. lectr. Maria Grey Col. & Borough Road Col., 69. Res. consult, Consortium Res. Develop. for State Univs. Wisconsin, 66-67; consult. & coordinator, Agency Int. Develop. & Wis. State Univ. Found. Inc. Seminars Higher Ed. for South Vietnamese univs, 67, 68 & 69. Personnel & Guid. Asn. Psychol. Asn. College and university environments and attrition; counselor education. Address: Counseling Center, Wisconsin State University, Stevens Point, Wis. 54481.
- COLAIZZI, DR. PAUL FRANCIS, b. Pittsburgh, Pa. May 7, 38; m. 67; c. 1. PSYCHOLOGY, PHILOSOPHY. B.A. Duquesne, 63, M.A. 65, Ph.D. (psychol), 69. Res. asst. PSYCHOL., Duquesne, 63-65, teaching asst., 65-68; ASST. PROF., Va. Commonwealth Univ., 68-70; DUQUESNE, 70- U.S.M.C., 56-59. Psychol. Asn. Cognitive psychology, foundations of research in scientific psychology and historical origins of current psychological beliefs



- from the theoretical perspective of existential phenomenology. Publ: The descriptive methods and the types of subject matter of a phenomenologically based psychology: exemplified by the phenomenon of learning. Univ. Microfilms, 70; Analysis of the learner's perception of learning material at various phases of a learning process. Rev. Existential Psychol. & Psychiat., spring 67; Re-examination of meaningfulness in luminous phenomena, Perception & Motor Skills, 69. Address: Dept. of Psychology, Duquesne University, Pittsburgh, Pa. 15219.
- COLBERG, PROF. MARSHALL R(UDOLPH). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New Publ: Co-auth. Business economics: principles and cases, Irwin, 4th ed, 70. Address: Dept. of Economics, Florida State University, Tallahassee, Fla. 32306.
- COLBY, PROF. MARY McRAE. Geography. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & Address: Prof., Dept. of Geography, Clarion State College, Clarion, Pa. 16214.
- COLCORD, DR. FRANK CARLTON, JR. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. & chmn. dept., 69; Tufts University, Eaton Hall, Medford, Mass. 02155.
- COLE, DR. CLETUS A(ELRED). Clinical Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1115 Graydon Ave, Norfolk, Va. 23507.
- COLE, DR. DAVID C(HAMBERLIN). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Econ. adv. to govt. Indonesia, Harvard Develop. Adv. Serv., 68- Address: c/o Ford Foundation, P.O. Box 2030, Djakarta, Indonesia.
- COLE, DR. DAVID LEE, b. Lansing, Mich. June 11, 40; m. 65. AGRICULTURAL ECONOMICS. B.B.A. & B.Agr. Minnesota, 62; Continental Grain & Nat. Defense Ed. Act feds, M.A. & Ph.D.(econ. agr. econ), Wisconsin, 66. Res. asst. AGR. ECON, Wisconsin, 62-66; ASST. PROF. MICH. STATE, 66-Found. Econ. Ed. summer fel. 68. Agr. Econ. Asn. Marketing management for firms working in agriculturally related fields; Improving efficiency of marketing systems. Publ: Co-auth. Proposed standards and guidelines for cooperative feeder cattle sales, Mich. State Univ., 68 & Factors affecting prices paid for feeder cattle at Michigan cooperative feeder cattle sales, J. Animal Sci., 69; auth. The effect of merchandising methods on the sale of feeder cattle at cooperative sales, Am. J. Agr. Econ., 69. Address: 2219 Iroquois St, Okemos, Mich. 48864.
- COLE, DR. DONALD PRESTON, b. Kearny, N.J. Dec. 1, 37. ECONOMICS. A.B. Drew, 59; M.A. Montana, 61; Ph.D.(econ), Ohio State, 68. Asst. econ. Montana, 59-61; econ. analyst, Bankers Trust Co., summer 62; instr. econ, Upsala Coll., 62-63; asst. instr., Ohio State, 63-66; RES. DIR. SEMESTER ON EUROPEAN COMMUNITY, DREW UNIV.-INST. EUROPEAN STUDIES, BRUSSELS, BELGIUM, 66-ASST. PROF. ECON, DREW, 68- Econ. consult. Select Com. Govt. U.S. House Rep., summer 64; Megistos Trade Study Group, Univ. Brussels, 68; teaching consult. Bell Tel. Labs, N.Y., 69-70. U.S.A.F.R., 62-68. Econ. Asn. Monetary theory; European economic integration. Publ: Ed. Megistos: a world forecasting model for income and trade in 1975, North-Holland, 70; sr. staff writer, The impact of federal research and development programs, Select Com. Govt. Res., 64; auth. The demand for denominations of U.S. currency, 1914-65, J. Finance, 3/70. Address: Dept. of Economics, Drew University, Madison, N.J. 07940.
- COLE, DR. HUGH M(ARSHALL). Military History. See 5th ed, Dir. Am. Scholars, Vol. 1, Hist.
- COLE, DR. JAMES EDWARD. Ethology, Vertebrate Zoology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- COLE, DR. JAMES K(MBROUGH). Clinical Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also dir., 69-, Clinical Psychology Training Program, University of Nebraska, Lincoln, Neb. 68508.
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- COLE, PROF. LAWRENCE E(DWYN). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Correction in address: 400 Clayton Rd, Chapel Hill, N.C. 27514.
- COLE, PROF. LOIS HELEN, b. Bonham, Tex. Dec. 12, 13; m. 41. BUSINESS ADMINISTRATION. B.A., North Texas State, 34; M.A., Southwest Texas State, 50; Ph.D.(bus. adm.), Texas, Austin, 54; summers, California, Berkeley & Fresno State Coll., 58; San Francisco State Coll., 58-59 & California, Los Angeles, 59; cert. Int. Bus. Mach. Ed. Center, Los Angeles, 61, Las Vegas, 62. Teacher, high schs. & Methodist home, Tex. 34-39; teacher, high sch. Tex. 42-54, prin. 41-42; teacher & asst. prin. U.S. Army Dependents Sch. Rochefort, France 54-55; prof. bus. admin. & chmn. dept. Midwestern, 55-57; dean women & comar. Coalings Jr. Col. Calif. 57-58; dean girls & comar. high sch. Calif. 58-60; asst. prof. bus. admin. Nevada, Las Vegas & Reno, 60-63; comput. programmer & sr. analyst, Edgerton, Germeshausen & Grier, Nev. 63-64; assoc. prof. bus. ed. & secretarial admin. Tex. Tech. Coll. 64-65; prof. BUS. ADMIN. & dir. dept. Angelo State, 65-70; PROF. SUL ROSS STATE, 70- Soc. Econ. Workshop; Pioneer Title Ins. Co. grant-in-aid, Electronic Data Processing Courses; Bur. Bus. & Econ. Res. grant-in-aid, Nevada. Off. mgr. U.S. Govt. Prog. Dallas, Tex. 35; owner & operator, Cole Theatres, Tex. 41-54; private real estates proj., Nev. & Tex. 60-Suppr. prog., Nat. Acad. Sci., 64. Nat. Bus. Ed. Asn. Offerings in computer science in American colleges and universities; certification for secretaries. Publ: A survey of college data processing, courses and degrees, 63 & co-auth. Edgerton, Germeshausen & Grier capital equipment inventory for 1604B control data computer, 64, Atomic Energy Com.; auth. Self-realization for legal secretaries, Tex. Assn. Legal Secys. Docket, 9/68; plus others. Address: 411 June St, Alpine, Tex. 79831.
- COLE, DR. NYLA J. Psychiatry. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- COLE, DR. ROBERT E, b. Oct. 14, 37; U.S. citizen, m. 61; c. 2. SOCIOLOGY. B.A., Hobart Coll., 59; Brunsviks Folk High Sch., Sweden, 60-61; M.A., Illinois, 62, Ph.D.(sociol.), 67; Keio-Illinois Proj. fel. Stanford, 64, Japan, 65-66. ASST. PROF. SOCIOL., CENTER JAPANESE STUDIES, MICHIGAN, 67-Participant, Detroit area study annual survey & comp. careers study & Yokohama counterpart financed by Rackham Sch. Univ. Michigan, 69-70. Asn. Asian Studies. Theory of industrialization and social change, especially in Japan. Publ: Japanese blue-collar: the changing tradition, Univ. Calif., 70. Address: Dept. of Sociology, 3057 Literature, Science and Arts Bldg., University of Michigan, Ann Arbor, Mich. 48104.
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- COLE, DR. STEPHEN, b. New York, N.Y. June 1, 41; m. 69. SOCIOLOGY. B.A., Columbia Coll., 62; Ph.D.(sociol.), Columbia, 67. Instr. SOCIOLOGY, Columbia, 66-67, asst. prof. 67-68; STATE UNIV. N.Y. STONY BROOK, 68-70, ASSOC. PROF. 70- Consult. Soc. Welfare Res. Coun. 66-68; res. assoc. prof. sociol. of sci., Columbia, 66-68; Asst. Sociol. Asn. Sociology of science, education and professions; methodology. Publ: The unionization of teachers: a case study of the UFT, Praeger, 69; co-auth. Scientific output and recognition, 67 & Visibility and the structural bases of awareness of scientific research, 68, Am. Sociol. Rev. Address: Dept. of Sociology, State University of New York at Stony Brook, Stony Brook, N.Y. 11790.
- COLEMAN, MILES L(ANTER). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Chmn. President's Task Force on Urban Renewal, 69-70. Address: 1707 H St. N.W., Washington, D.C. 20006.
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- COLES, DR. EDWARD MICHAEL, b. London, Eng. Feb. 5, 37; m. 62; c. 2. PSYCHOLOGY. B.Sc., London, 60, Ph.D.(psychol.), 64. Clin. psychologist, Liverpool Hosp. Eng. 60-61; Woodlands Sch. B.C. 61-62; instr. psychiat., British Columbia, 64-67; ASST. PROF. PSYCHOL., SIMON FRASER UNIV., 67- Psychologist, univ. student health serv., Univ. British Columbia, 64-66; Children's Hosp., Vancouver, B.C. 65-67; consult. psychologist, Riverview Hosp. 68- Brit. Asn. 55-57. Am. Psychol. Asn.; assoc. Brit. Psychol. Soc. Psychopathology, Publ: Co-auth. Mechanisms and measurement of the autonomic skin response, Psychol. Bull., 66. Address: Dept. of Psychology, Simon Fraser University, Burnaby 2, B.C., Can.
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- COLIE, DR. STUART EDGAR. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, Dept. of Political Science, Central Connecticut State College, 1615 Stanley St, New Britain, Conn. 06050.
- COLLARD, DR. ROBERTA RANDALL, b. Lamesa, Tex. Oct. 7, 17. DEVELOPMENTAL PSYCHOLOGY. B.S., Texas, 40; Kansas, 40-41; fel. Chicago, 59-60, Ph.D. (human develop), 62. Instr. CHILD DEVELOP., Oregon State, 61; British Columbia, summer 61; ASST. PROF., California, Davis, 62-67; MASSACHUSETTS, 68. Psychol. Assn. Soc. Res. Child Develop. Play and curiosity in infants; early cognitive development; creativity; sensory and maternal deprivation; stranger fear; aggression; early group formation. Publ. Intelligence, creativity, and emotional adjustment in young children, N.C.A.N.E. Bull, 63; Fear of strangers and play behavior in kittens with varied social experience, 67 & Social and play responses of first-born and later-born infants in an unfamiliar situation, 68, Child Develop. Address: Dept. of Human Development, University of Massachusetts, Amherst, Mass. 01002.
- COLLAZO-COLLAZO, DR. JENARO, b. Orocovis, P.R. Sept. 20, 32. U.S. citizen. SOCIOLOGY, AGRICULTURAL ECONOMICS. B.A., Puerto Rico, 55; M.S. Cornell, 58, Ph.D. (sociol.), 67. Res. asst. rural social, agr. exp. sta. PUERTO RICO, 55-60, asst. sociologist, 60-62, assoc. sociologist, 64-67, ASSOC. PROF. SOCIOL. & CHMN. DEPT., 67- Rural Sociol. Soc. Sociol. Assn. Rural sociology, especially living conditions and sociology of work. Publ. Development of a level-of-living scale for Puerto Rican rural families, 10/60, co-auth. Some problems of cross-cultural, (rural sociology), 60 & auth. Los recursos humanos en la industria del café en Puerto Rico, 63. Univ. Puerto Rico Agr. Exp. Sta. Address: Dept. of Sociology, University of Puerto Rico College of Social Sciences, Río Piedras, P.R. 00923.
- COLLEY, PROF. JOHN L. JR., b. Wilmington, N.C. Feb. 17, 30; m. 50; c. 3. MANAGEMENT, ENGINEERING, OPERATIONS RESEARCH. B.S., N.C. State, 57; M.S. Yale, 59; D.B.A., Southern California, 64. Planning eng. West. Elec. Co., N.C., 59-62; chief ops. & systs. anal., El Segundo Div., Hughes Aircraft Co., Calif., 62-65; group leader ops. res., Res. Triangle Inst., N.C., 65-67; PROF. BUS. ADMIN., MGT. SCI. & OPERS. MGT., VIRGINIA, 67-Pres. Southeast. Consult. Group, Ltd., Va., 69- Consult. Cowles Found. Econ. Res. 59. Mem. adv. cm. Community Profile Data Center, U.S. Pub. Health Serv., 58. U.S.A.F., 52-56, S/Sgt. Inst. Mgt. Sci. Sr. mem. Inst. Indust. Eng. Opers. Res. Soc. Am. The development and implementation of computer-based systems for operations planning and control, including development of relevant tools and techniques from operations research and the management sciences. Publ. Co-auth. Load forecasting, priority sequencing and simulation in a job shop control system, Mgt. Sci., 10/66 & A simulation study of saturated medical systems, Proc. Nat. Meeting Am. Inst. Indust. Eng., 67; auth. A daily system for balancing & sequencing a mixed-model assembly line, Int. Fedn. Oper. Res. Soc., 70. Address: Graduate School of Business Administration, University of Virginia, Charlottesville, Va. 22903.
- COLLINS, PROF. GARY R. (OSS). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., psychol., 69-, Trinity Evangelical Divinity School, Bannockburn, Deerfield, Ill. 60015.
- COLLINS, DR. JOHN BUNTING, b. Lovell, Wyo. Apr. 7, 40. ENVIRONMENTAL PSYCHOLOGY. B.A. Brigham Young, 64, M.S. 65; U.S. Pub. Health Serv. fel. California, Berkeley, 67; Ph.D. (arch. psychol.) Utah, 70. Instr. psychol. Utah, 65-69; ENVIRON. PSYCHOLOGIST ACAD. PLANNING OFF, UNIV. BRITISH COLUMBIA, 69- Summer, mem. tech. staff, Watkins-Johnson Co., 66. Consult. California, Berkeley, 67-69. AAAS. Investigation of impact of build environments on human perception and behavior: evolution of criteria of measurement for environmental-behavioral interface; multivariate analysis of architectural perception on human behavioral facilitation; specifying and implementing architectural design to facilitate classroom learning. Publ. Perceptual dimensions of architectural space validated against behavioral criteria, Univ. Utah, 69; Interim report: residential environment, social behavior and health, Univ. California Berkeley, 69. Address: 750 Jervis, Apt. 2004, Vancouver 5, B.C., Can.
- COLLINS, DR. JOHN NORMAN. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1311 Bayshore Dr., Haslett, Mich. 48840.
- COLLINS, DR. JUNE MCCORMICK. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn. Dept. of Anthropology, State University of New York College at Buffalo, 1300 Elmwood Ave., Buffalo, N.Y. 14222.
- COLLINS, DR. RICHARD (LYNDE). Political Science, Public Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also Chmn. interdisciplinary Master's prog. pub. affairs, University of Oregon, Eugene, Ore. 97403.
- COLLINS, DR. THOMAS BERNARD, JR. b. Portland, Ore. Jan. 23, 29; m. 56; c. 1. PHYSIOLOGICAL PSYCHOLOGY. B.A. Portland, 52; U.S. Pub. Health Serv. fel. Washington (Seattle), 61-64, M.S. 63, Ph.D. (psychol.), 67. ASST. PROF. PSYCHOL., CENT. WASH. STATE COL., 64- AAAS: Soc. Exp. Anal. Behav. Animal Behav. Soc. Response to barbiturates and effect of activator drugs on learning; imprinting in low intrabrain electrical stimulation; limbic system functions. Address: Dept. of Psychology, Central Washington State College, Ellensburg, Wash. 98926.
- COLM, DR. GERHARD. Economics. See 11th ed, Soc. & Behav. Vols., deceased 68.
- COLMAN, DR. ARTHUR DAVID, b. New York, N.Y. m. 63; c. 2. PSYCHIATRY, BEHAVIORAL SCIENCE. A.B. Harvard, 58, M.D. 62. Intern med, Beth Israel Hosp., Boston, Mass., 62-63; res. psychiatrist, Langley Porter Neuro-psychiat. Inst. med. center, California, San Francisco, 63-66; res. psychiatrist, Walter Reed Army Inst. Res. & staff psychiatrist & mem. teaching faculty psychiat., Walter Reed Gen. Hosp., 67-70; CAREER TEACHER & RESIDENT ASST. PROF. PSYCHIAT., MED. CENTER, CALIFORNIA, SAN FRANCISCO, 70- State of Calif. Dept. Ment. Hyg. grant, 65-66; Assoc. Faculties Prog. in Community Psychiat., Wash. Sch. Psychiat., D.C., 66-68; U.S. Army Res. & Develop. Command grant, 67-68. Med.C. U.S.A., 66-69. Assn. Adv. Psychoter. Psychiat. Assn. Psychology of pregnancy: design of treatment environments; family therapy; experimental analysis of behavior. Publ. Co-auth. Utilization of an operant conditioning model for the treatment of character and behavior disorders in a military setting, Am. J. Psychiat., 69; auth. Territoriality in man, 67 & Psychological state during first pregnancy, 69, Am. J. Orthopsychiat. Address: 401 Parnassus Ave. San Francisco, Calif. 94122.
- COLMEN, DR. KENNETH S(EYMOUR). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Exec. v.pres., 68-, P&F Industries Inc., 45 N. Station Plaza, Great Neck, N.Y. 11021.
- COLTHEART, DR. M. b. Frankston, Australia, Apr. 16, 39; m. 61; c. 2. PSYCHOLOGY. B.A., Sydney, 61, M.A., 62, Ph.D. (psychol.), 68. Lectr. PSYCHOL., Sydney, 66-67; Monash Univ., Australia, 67-68, sr. lectr., 69; ASST. PROF. WATERLOO, 69. Memory: perception; signal detection theory: reaction time; time perception. Address: Dept. of Psychology, University of Waterloo, Waterloo, Ont., Can.
- COLVIN, DR. RALPH W(HITMORE). Clinical Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 6901 Hestand Lane, Ft. Smith, Ark. 72901.
- COMEAX, DR. MALCOLM LOUIS, b. Lafayette, La. Apr. 19, 38; m. 67; c. 1. CULTURAL & HISTORICAL GEOGRAPHY. B.A., Southwestern Louisiana, 63; M.A., Southern Illinois, 66; fel. & Ph.D. (geog.), La. State, 69. Instr. GEOG. Southwestern Louisiana, 65-66; ASST. PROF., ARIZONA STATE, 69- U.S.A., 54-60. Geog. Soc. Assn. Am. Geog. Historical geography: fishing culture and techniques in the United States, especially inland waters. Address: Dept. of Geography, Arizona State University, Tempe, Ariz. 85281.
- COMEY, DAVID DINSMORE. Philosophy. See 5th ed, Dir. Am. Scholars. Vol. IV, Philos. Relig. & Law.
- COMLY, DR. HUNTER HALL, b. Denver, Colo. July 21, 19; m. 41; c. 5. CHILD PSYCHIATRY. B.S., Yale, 41, M.D., 43. Intern pediatrics, Mass. Gen. Hosp., 44; asst. res. Univ. Iowa Hosps., 44. res. psychiat., 48; asst. prof. pediatrics & psychiat., col. med. Iowa, 48-56; Wayne Med. Sch., 57-67; ASSOC. PROF. CHILD PSYCHIAT., COL. MED. IOWA, 67- Orthopsychiat. Assn: Psychiat. Assn. Address: 500 Newton Rd., Iowa City, Iowa 52240.
- COMPTON, DR. ARTHUR J. b. Columbus, Ohio, June 21, 36; m. 58; c. 4. PSYCHOLINGUISTICS. B.S., Ohio State, 58, M.A., 61, Ph.D. (psycholing.), 65. Asst. dir. listening center, Ohio State, 61-65; ASST. PROF. SPEECH PATH. & AUDIOL. IOWA, 65- Old Gold summer res. fel. 67. Acoustical Soc. Am.; Speech & Hearing Assn. Ling. Soc. Am. Speech perception; child language development. Address: Dept. of Speech Pathology & Audiology, University of Iowa, Iowa City, Iowa 52240.
- CONANT, DR. MIRIAM B. b. Paris, France, Aug. 4, 31; m. 52; c. 2. POLITICAL SCIENCE. B.A. Bryn Mawr Col., 51; M.A., Columbia, 53. Ph.D. (polit. sci.), 62. ASST. PROF. GOVT. COLUMBIA, 63- Am. Comm. on Ed. acad. admin. internship prog. fel., 66-67. Polit. Sci. Assn. Acad. Polit. & Soc. Sci. History of political theory; normative theory. Publ. Legal questions. Int. Conciliation, summer 55; The academic dean as a subversive bureaucrat. Ed. Record, summer 67. Address: 502 Lewisohn Hall, Columbia University, New York, N.Y. 10027.
- CONANT, PROF. RALPH W(ENDELL), b. Hope, Maine, Sept. 7, 26; m. 50; c. 3. POLITICAL SCIENCE. B.A. Vermont, 49; M.A., Chicago, 54, Ph.D. (polit. sci.), 59. Lectr. govt. Mich. State, 56-57; staff assoc. Nat. Munic. League, 57-59; exec. dir. Citizens for Mich., 59-60; asst. prof. pub. admin., Denver, 60-62; asst. to dir. Joint Center Urban Stud., Mass. Inst. Tech. & Harvard, 62-68; assoc. prof. Brandeis, 67-69; PROF. POLIT. SCI. & DIR. INST. URBAN STUDIES, HOUSTON, 69-. PROF. POLIT. SCI., RICE, 69-. PRES. SOUTHWEST CENTER FOR URBAN RES. 69- Dir. Muskegon Pub. Study Cmt. on Consolidation, Mich., 56-57; assoc. dir. Lemberg Center Study of Violence, Brandeis, 67-69. Consult. Conn. Legis. Cmn., 65-67; Joint Center for Urban Studies, Mass. Inst. Tech. & Harvard, 66-68; Dept. Housing & Urban Develop.; Travelers Res. Corp. Hartford, Conn. Mem. bd. dirs., Unitarian Universalist Serv. Cmt; mem. subcm. on urban poverty, Cmt. for Econ. Develop.; regional health adv. cmt., U.S. Dept. Health, Ed. & Welfare, 68-72. U.S.A.A.F. 43-45; U.S.N., 49-50; U.S.A., 51-53, Res. 53-69. Maj.(Ret). Polit. Sci. Assn. Pub. Health Assn. Urban politics. Publ. The public library and the city, Mass. Inst. Tech., 65; The politics of community health, Pub. Affairs, 68; The prospects for revolution, Harper's Mag. Res., 70. Address: 11841 Bayhurst Dr., Houston, Tex. 77024.
- CONAWAY, DR. ORRIN BRYTE, Jr. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Benedum Prof. Am. govt. 68-, Dept. of Political Science, West Virginia University, Morgantown, W.Va. 26506.
- CONCORDIA, GEORGE L. O.P. Philosophy. See 5th ed, Dir. Am. Scholars. Vol. IV, Philos. Relig. & Law.
- CONDELL, PROF. JAMES FRANKLIN, b. Louisville, Ky., Oct. 10, 21; m. 52. PSYCHOLOGY. A.B. Ky. State Col., 42; M.A., Columbia, 48; N.Y. Univ., 49-50; North Dakota, 56-57; Ed.D. (ed. psychol.), Nebraska, 62. Asst. prof. psychol. & dir. guid. Md. State Col., 48-49; employ. interviewer, State Employment Serv., N.Y., 50; couns. for men, Fla. Agr. & Mech., 50-52; asst. prof. psychol., 52-56, acting head dept., 54-55; dir. test serv. bur., 53-56; res. asst. psychol., North Dakota, 56-57; clin. psychologist, N.Dak. State Hosp., 57-58; State Dept. Health, Minn., 58-61; asst. ed. psychol., Univ. Nebraska, 61-62; consult. psychiatrist, Lakeland Ment. Health Center, 62-65; PROF. PSYCHOL. & CHMN. DEPT., MOOREHEAD STATE COL., 65- Instr. Fergus Falls Jr. Col., 62-65. U.S.A.A.F., 43-46. AAAS: Psychol. Assn. Mental re-



- tardation; motor skill training. Publ: Note on the use of the Ammons full-range picture vocabulary test with retarded children, *Psychol. Reports*, 59 & Parental attitudes toward mental retardation, *Am. J. Ment. Deficiency*, 66; co-auth. Providing school psychological service through a community mental health center, *Community Ment. Health J.*, 66. Address: Dept. of Psychology, Moorhead State College, Moorhead, Minn. 56560.
- CONDIT, PROF. DORIS MORGAN. Military History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CONDLIFFE, DR. (JOHN) B(ELL). International Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Retired. Address: 1801 Broadway, San Francisco, Calif. 94109.
- CONDON, DR. GEORGE ANDREWS. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Campus dean, 69-, Rock County Campus, University of Wisconsin, Janesville, Wis. 53545.
- CONFORTI, DR. JOSEPH MICHAEL, b. Newark, N.J., Jan. 31, 38; m. 63. SOCIOLOGY. B.A. Rutgers, 60; M.A., 63; Ph.D.(sociol.), 67. Res. assoc. SOCIOLOG., urban studies center, Rutgers, 65-67; ASST. PROF. Ohio State, 67-69; RUTGERS, 69-. Consult. N.J. Off. Econ. Develop., 66-67; col. ed, Ohio State Univ., 68-69; N.J. Dept. Ed., 69-. Sociol. Asn.; Soc. Study Soc. Probs. Urbanization; child development; sociology of popular music; sociology of health. Publ: The poor in perspective, *Urban N.Y.*, 1/69; Racism in music education, *Musart*, 9-10/69; Attitudes toward health and health care facilities among low income youth, *Soc. Sci. Quart.*, 12/69. Address: 32 James St, Newark, N.J. 07102.
- CONGER, DR. ANTHONY J. b. Plainfield, N.J., Apr. 10, 38; m. 62. PSYCHOLOGY. B.A. Trenton State Col., 62; Ph.D.(psychol.), Illinois, 64. ASST. PROF. PSYCHOL., Western Ontario, 67-70; L. THURSTONE PSYCHOMET. LAB., NORTH CAROLINA, CHAPEL HILL, 70-. Psychomet. Soc. Multivariate statistical analysis; personality assessment; experimental personality. Publ: A dimensional analysis of MMPI items, *Multivariate Behav. Res.*, 7/69; Analysis of Ghiselli's moderator variable, *Psychol. Reports*, 10/69. Address: L. L. Thurstone Psychometric Lab., University of North Carolina, Chapel Hill, N.C. 27514.
- CONKEY, DR. HARLAN (DON). Audiology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Audiologist, 70-, Dept. of Speech, Oregon State University, Corvallis, Or. 97331.
- CONKLIN, EDMUND HOLBROOK. Psychology, Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Sr. group eng. psychologist, adv. design, McDonnell Aircraft Co., 68-. Address: 1849 N. Ballas Rd, Des Peres, Mo. 63131.
- CONKLIN, DR. FRANK SIDNEY, b. Portland, Ore., Feb. 13, 32; m. 55; c. 3. AGRICULTURAL ECONOMICS. B.S. Oregon State, 54, M.S., 59; Ph.D.(prod. econ. farm mgt), Iowa State, 68. Specialist, exten. farm mgt, Oregon State, 59-62; instr. farm mgt, Iowa State, 62-66; res. assoc. & vis. prof, Nuevo Leon, 67-68; ASST. PROF. AGR. ECON., OREGON STATE, 68-. U.S.A.F., 54-57, Capt. Am. Econ. Asn.; Am. Agr. Econ. Asn.; Can. Agr. Econ. Asn. Publ: Apuntes y ejercicios para un curso de administración rural, Univ. Nuevo Leon, 68; co-auth. Uso optimo de los recursos agropecuarios en el Distrito de Riego de La Bagona, Estado de Guanajuato, Mexico, Center Agr. Econ. Postgrad. Col. Mexico, 68; auth. Cost and efficiency in Oregon's seed processing industry, *Proc. Seed Processors Conf.*, Oregon State Univ., 69. Address: Dept. of Agricultural Economics, Oregon State University, Corvallis, Ore. 97331.
- CONKLIN, PROF. PATRICK (JAMES). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. sr. resident faculty, 69-, Federal Executive Institute, U.S. Civil Service Commission, Highway 29 N. Charlottesville, Va. 22903.
- CONKLING, PROF. EDGAR CLARK. Geography. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. 68-, Dept. of Geography, State University of New York at Buffalo, 4224 Ridge Lea Rd, Amherst, N.Y. 14226.
- CONN, PROF. WORTH B., b. Lancaster, Ky., Oct. 12, 08; m. 44; c. 4. SOCIOLOGY, RELIGION. B.A., Ky. Wesleyan Col., 36; B.D., Emory, 42; M.S., Fla. State, 61. Pastor, Ky. Conf. Methodist Church, 36-40; chaplain trainee, Fed. Coun. Churches, Greystone Park, N.J. & U.S. Penitentiary, Atlanta, Ga., 42-43; chaplain, U.S. Penitentiary, McNeil Island, Wash. & U.S. Reformatory, Chillicothe, Ohio, Fed. Bur. Prisons, 43-44; Fed. Hosp. Prisoners, Springfield, Ill., 53-54; Fed. Correctional Inst., Tallahassee, Fla., 54-63; asst. prof. SOCIOLOG., SOUTH. STATE COL.(ARK), 63-67, ASSOC. PROF. 67-. Chmn. cnt. correctional res. Fed. Correctional Inst., 60-61. U.S.N., 44-53, Lt. Sociol. Soc. Am. Acad. Arts & Sci; Correctional Asn. General sociology, population, criminology. Address: Dept. of Sociology, Southern State College, Magnolia, Ark. 71753.
- CONNELLY, DR. JOHN F., b. Riverside, Ill., Dec. 2, 41. EXPERIMENTAL PSYCHOLOGY. B.A. St. Mary's Col.(Calif.), 63; M.A. Calif. State Col. Los Angeles, 66; univ. grant, Portland, 68, summer, Nat. Sci. Found. fel., 66, 67, Ph.D.(psychol.), 69. ASST. PROF. PSYCHOL., KANS. STATE COL., PITTSBURGH, 68-. AAAS; Psychol. Asn. Experimental methodology, as related to human and animal learning; experimental tests of partial reinforcement theories; comparison of rats and gerbils in relation to learning rates and the partial reinforcement effect. Publ: Co-auth. Selected readings in psychology, *Mosby*, 70 & Replacement function of intertrial reinforcement, *Psychonom. Sci.*, 69. Address: Dept. of Psychology, Kansas State College, Pittsburg, Kan. 66762.
- CONNER, DR. JAMES RICHARD, b. Coryell Co., Tex., June 22, 42; m. 62; c. 1. AGRICULTURAL ECONOMICS. B.S., Texas A&M, 65; M.S., 67, Ph.D.(agr. econ.), 70. Res. assoc. statist., Texas A&M, 67-68; ASST. PROF. AGR. ECON., FLORIDA, 69-. Water Resources Asn.; Agr. Econ. Asn. Address: Asn.
- Water resources and related areas including planning and management and allocation problems; applied research on application of multiple frame survey techniques. Publ: Co-auth. Use of domain estimators with unequal probability in sample surveys, *J. Am. Statist. Asn.*, 68; Evaluating incentive payment programs through aggregate production response: the case of mohair, *South. Agr. Econ. Asn.*, 69 & The development of a model to evaluate hydrologic risk in water resource system design, *Am. Water Resources Asn.*, 69. Address: Dept. of Agricultural Economics, McCarty Hall, University of Florida, Gainesville, Fla. 32601.
- CONNERY, PROF. ROBERT (HOWE). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Political Science, Columbia University, New York, N.Y. 10027.
- CONNING, DR. ARTHUR M., b. Brooklyn, N.Y., Feb. 25, 36; m. 62; c. 2. DEMOGRAPHY, SOCIOLOGY. B.A., Swarthmore Col., 57, B.S., 58; Fulbright fel., Birmingham, 58-60, M.Sc., 61; Nat. Defense Ed. Act fel., Cornell, 62-64, Pop. Coun. fel., 64-66, Ph.D.(sociol.), 69. ASST. PROF., PROF., GRAD. SCH. PUB. HEALTH, PITTSBURGH, 67-. Vis. prof., two regional seminars, Peru, 68. Pop. Coun. consult., Planning Inst. Lima, 68. Sociol. Asn.; Pop. Asn.; Am. Rural Sociol. Soc.; Pub. Health Asn. Fertility and family planning in the United States and Latin America; rural-urban migration in Latin America. Publ: Estimación de la migración interna neta, clasificada por edad y por sexo, en las provincias y regiones de Chile durante los Años 1930-1940, 1940-1952 y 1952-1960: con una breve introducción referente a la metodología, Centro Latinoamericano de Demografía, Chile, Series D, 67; Variables de comunidad y de familia asociadas a la migración rural-urbana: informe preliminar sobre una encuesta en siete comunidades rurales de Chile Central, (in press) & co-auth. Comunidades rurales de una región de pequeños propietarios de Chile Central: resultados provisionales de un estudio por infantes clave, (in press), Antropología, Univ. Chile. Address: Population Division, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, Pa. 15213.
- CONOLLEY, DR. EDWARD S(TANTON), b. San Francisco, Calif., Jan. 16, 37. SOCIAL PSYCHOLOGY. B.A., San Diego State Col., 60, M.S., 64; Nat. Inst. Ment. Health fel., California, Riverside, 66-68, M.A. & Ph.D.(soc. psychol.), 69. Nat. Inst. Ment. Health fel., Yale, summer 69; ASST. PROF. SOC. PSYCHOL., SOUTHERN CALIFORNIA, 69-. Med.Serv.C., Army Nat. Guard, 59-68, Capt. AAAS; Psychol. Asn. Attitude development and change; social influence processes; interpersonal attraction. Publ: Co-auth. Conformity and group size, *J. Personality & Soc. Psychol.*, 1/68. Address: Dept. of Psychology, University of Southern California, Los Angeles, Calif. 90007.
- CONOVER, PROF. THEODORE E. Journalism. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CONOVER, DR. WILLIAM JAY. Statistics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- CONRATH, DR. DAVID W. Business Administration, Operations Research. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. 69-, Dept. of Management Sciences, University of Waterloo, Waterloo, Ont. Can.
- CONSTAS, DR. HELEN, b. New York, N.Y., Sept. 21, 21. SOCIOLOGY. B.A., Hunter Col., 42; M.A., New Sch. Soc. Res., 48, Halle fel., 53-54, Ph.D.(sociol. & polit. theory), 54. Instr. sociol., Bennett Jr. Col., 54-56; asst. prof., Anderson Col., 56-57; Juilliard Sch. Music, 57-62; ASSOC. PROF. soc. sci., Boston, 62-66; SOCIOLOG., AMERICAN UNIV., CAIRO, 66-. Summer lect., New Sch. Soc. Res., 60-. Fel. Sociol. Asn. Comparative historical study of societies having a bureaucracy as a ruling class; charismatic bureaucracies, their genesis, dynamics, tensions, especially contemporary Communist bureaucracy; historical sociology; sociological theory. Publ: Ed., *Ancient society*; auth., *Max Weber's two conceptions of bureaucracy*, *Am. J. Sociol.*, USSR-from charismatic sect to bureaucratic society, *Admin. Sci. Quart.*. Address: Dept. of Sociology, American University at Cairo, 113 Kasr El Aini, Cairo, Egypt.
- CONSUL, DR. PREM CHANDRA. Statistics, Mathematics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- CONWAY, PROF. JOHN JAMES. Canadian History, General Education. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CONWAY, DR. WILLIAM B., b. Dexter, Iowa, Apr. 4, 35; m. 60; c. 5. ECONOMICS. B.A., St. Ambrose Col., 60; M.A., Minnesota, 68, Ph.D.(econ.), 69. Instr. principles of econ., Minnesota, 61-64; ASST. PROF. ECON. ST. JOSEPH'S COL. (IND), 64-. CHMN. DEPT., 69-. U.S.A., 55-57, Sgt. Econ. Asn. Effects of differential tax burdens upon the value of residential property in urban areas. Address: Dept. of Economics, St. Joseph's College, Rensselaer, Ind. 47978.
- COOK, PROF. EDWARD (JOSEPH). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also assoc. dean, 68-, C.W. Post College, Long Island University, Greenvale, N.Y. 11548.
- COOK, DR. EUNG-DO. Linguistics. See Suppl. I to 5th ed, Dir. Am. Scholars.
- COOK, DR. HAROLD, b. Brooklyn, N.Y., June 11, 37. PSYCHOLOGY, EDUCATION. B.A., Calif. State Col. Los Angeles, 59; Ph.D.(ed. psychology), California, Los Angeles, 67. Personnel analyst, Los Angeles County Civil Serv. Cmn., 60-62; group supvr., Los Angeles County Probation Dept., 62-63; ed. intern., Marianne Frostig Sch., 63; ed. therapist, Melrose Sch. Disturbed Children, 63-65; researcher & sr. psychometrist, California, Los Angeles, 65-67; asst. prof. PSYCHOL. & EDUC., Syracuse, 67-69; ASSOC. PROF. TEACHERS COL., COLUMBIA, 69-. Counselor, South. Calif. Counseling Center, 66. AAAS; Psychol. Asn.; Soc. Res. Child Develop. Educational psychology; learning and development; verbal behavior. Publ: Verbal satiation of a positive and negative reinforcer, *J. Verbal Learning & Verbal Behav.*, 7: 1082-1087; co-

- auth. The effect of achievement in a science unit on visual perception units, *visa versa* and/or the effect of achievement in a science unit on achievement in a science unit. *Am. Ed. Res. J.*, 6: 136-141; auth. Effectiveness of verbal reinforcer subsequent to satiation in preschool children. *Psychonomic Sci.* 19: 327-329. Address: Dept. of Psychology, Teachers College, Columbia University, 525 W. 120th St., New York, N.Y. 10027.
- COOK, DR. HOWARD SCOTT, b. Oil City, Pa., June 16, 37; m. 59; c. 3. SOCIAL ANTHROPOLOGY. B.A. American Univ., 59; Wisconsin, Madison, 59-60; Pan Am. Union fel. & M.A. Puerto Rico, 62; Mellon & U.S. Pub. Health Serv. fels. & Ph.D.(anthrop), Pittsburgh, 68. Res. assoc. soc. sci. res. soc. sci. prog. Dept. Health, Puerto Rico, 63; res. asst. soc. sci. prog. grad. sch. pub. health, Pittsburgh, 64; res. assoc. econ. anthrop, Oaxaca Markets Study, California, Los Angeles, 67-68; ASST. PROF. ANTHROP, MICH. STATE, 68- U.S.M.C.R., 55-59. Anthropol. Assn. Theoretical economic anthropology; economic anthropology of peasant-artisan groups in Mexico; social anthropology of Puerto Rico and Mexico; peasantry. Publ: The obsolete anti-market mentality. . . 68: 323-345 & Price-output variability in a peasant artisan stoneware industry in Mexico, in press. *Am. Anthropologist*; The anti-market mentality re-examined: an essay in negation and counter-reflection, *Southwest J. Anthropol.*, winter 69. Address: Dept. of Anthropology, Michigan State University, East Lansing, Mich. 48823.
- COOK, DR. JAMES WYATT. English. See 5th ed, *Dir. Am. Scholars*, Vol. II, Eng, Speech & Drama.
- COOK, DR. NEIL R. b. Denver, Colo., Nov. 25, 32; m. 59; c. 3. AGRICULTURAL ECONOMICS. B.S. Colorado State, 60; M.S. Nebraska, 62; Ph.D. (agr. econ), Okla. State, 64. Agr. economist, resource develop. econ. div. ECON. RES. SERV. U.S. DEPT.-AGR, 61-64, leader, watershed econ. lab. NATURAL RESOURCE ECON. DIV. 63-67, LEADER SOUTH. RESOURCE GROUP, 67- U.S.M.C.R., 51-54, Sgt. Agr. Econ. Assn. Resource development economics; rural economic development; river basin development; estimation for need and value of resource development in selected river basins of the southeastern United States. Publ: Earnings of agricultural resources in Nebraska (Bull.), *Nebr. Quart. Agr. Exp. Sta.*, 64; Effects of upstream flood protection on land use (Bull.), *Okla. Agr. Exp. Sta.*, 65; co-auth, Evaluating flood prevention in upstream watersheds with an areal point sample—Interim Report, Washita River Basin, Oklahoma (Bull.), *Econ. Res. Serv. U.S. Dept. Agr.*, 67. Address: Natural Resource Economics Division, Economic Research Service, U.S. Dept. of Agriculture, Little Rock, Ark. 72207.
- COOK, DR. PATRICK EDWARD, b. Williamsport, Pa., Mar. 28, 42; m. 62; c. 2. CLINICAL & COMMUNITY PSYCHOLOGY. B.A. Rochester, 64; Hogg Found. fel., Texas, 65-66, Ph.D.(psychol), 66. Intern clin. psychol. & community ment. health, S.Shore Ment. Health Center, Quincy, Mass., 66-67. *Psychologist*, 67-68; ASST. PROF. PSYCHOL. FLA. STATE, 68-; ASST. DIR. DOCTORAL PROG. CLIN. PSYCHOL. 69- Asst. field assessment officer, Univ. Texas—Peace Corps Afghanistan VIII Proj, spring 66; Fla. Div. Ment. Health res. grant, 69-70. Psychol. Assn. Personality assessment; evaluation of community mental health. Publ: Ed. Introductory readings in community psychology and community mental health, *Holmesbury J.*, 70; co-auth. The community adaptation schedule and the California personality inventory: a validation study with college students, *Community Ment. Health J.*, 10/70. Address: Dept. of Psychology, Florida State University, Tallahassee, Fla. 32306.
- COOK, PROF. ROBERT GRANT. Business Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn. dept. mgt. Missouri, Columbia, 69- Address: 2700 Bayonne Court, Columbia, Mo. 65201.
- COOK, PROF. ROBERT N(EVIN). Law. See 5th ed, *Dir. Am. Scholars*, Vol. IV, Philos, Relig. & Law.
- COOK, DR. THOMAS D. b. Birkenhead, Eng., July 31, 41; m. 69. PSYCHOLOGY, COMMUNICATION RESEARCH. B.A. Oxford, 63; Free Univ. Berlin, 61-62; Saarlandes, 63-64; Ph.D.(commun. res), Stanford, 67. Vis. asst. prof. PSYCHOL. North Carolina, 67-68; ASST. PROF. NORTHWESTERN, 68- Persistence of induced attitude change; demand characteristics in social psychological laboratory research; social conflict. Publ: Co-auth. The persistence of induced attitude change as a function of conclusion reexposure, 68 & Demand characteristics and three conceptions of the frequently deceived subject, 70. *J. Personality & Soc. Psychol.*; auth. Temporal processes mediating attitude change after underpayment and overpayment. *J. Personality*, 69. Address: Dept. of Psychology, Northwestern University, Evanston, Ill. 60201.
- COOKE, DR. GERALD, b. New York, N.Y., Mar. 9, 43; m. 64; c. 2. CLINICAL PSYCHOLOGY. B.A. Chicago, 63; U.S. Pub. Health Serv. fel. Iowa, 64-66, M.A. 65, Ph.D.(psychol), 66. Psychologist, Norristown State Hosp, Pa., 66-67; ASST. PROF. PSYCHOL. WAYNE STATE, 67- Off. Econ. Opportunity grant-mem. res. team, Detroit Edition & Mich. Bel. Tel. Co., 68- Consult. Mich. State Center Forensic Psychiat., 67-; psychiatrist. res. div. Herman Kiefer Hosp, 67- Psychol. Assn. Psychotherapy research; forensic psychology; use of non-professionals in a psychotherapy role. Publ: Evaluation of the efficacy of the components of reciprocal inhibition psychotherapy. *J. Abnorm. Psychol.*, 73: 464-467; The court study unit: patient characteristics and a comparison of patients judged competent and incompetent. *J. Clin. Psychol.*, 25: 140-143. Address: 2277 Dorchester N., Troy, Mich. 48064.
- COOMBS, DR. ROBERT HOLMAN. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Res. specialist, Calif. State Dept. Ment. Hyg., 70- Address: Research Dept., Camarillo State Hospital, Camarillo, Calif. 93010.
- COONS, PROF. ALVIN E(MERY). Economics. See 11th ed, Soc. & Behav. Vols., deceased 68.
- COOPER, PROF. ALLEN LAMAR. Christian Social Ethics. See 5th ed, *Dir. Am. Scholars*, Vol. IV, Philos, Relig. & Law.
- COOPER, PROF. JAMES G(ORDON). Education. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also dir., 69- College of Education Research Center, University of New Mexico, Albuquerque, N.Mex. 87106.
- COOPER, PROF. JOHN C. Philosophy of Religion. See 5th ed, *Dir. Am. Scholars*, Vol. IV, Philos, Relig. & Law.
- COOPER, PROF. JOHN ROBERT, b. Greenville, S.C., June 1, 34; m. 59. ECONOMIC. B.S. Clemson, 55, M.S. 57; Ph.D.(econ), Virginia, 67. Instr. econ. Col. Charleston, 57-58, asst. prof., 58-60; instr., Virginia, 60-63; assoc. economist, Fed. Reserve Bank of Atlanta, 63-64; assoc. prof. ECON. WINTHROP COL., 64-69, PROF., 69-; DIR. ACAD. PLANNING & INSTNL. RES., 70-; dir. instr. res., 68-70. Consult. S.C. Cmn. Higher Ed., 67-68. Pub. Choice Soc. Money and banking; economics of education; public finance. Address: Box 5001, Winthrop College, Rock Hill, S.C. 29730.
- COOPER, DR. RUTH. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Oak Hills, Calverton, N.Y. 11933.
- COOPER, PROF. SAMUEL, b. New York, N.Y., Oct. 27, 14; m. 47; c. 3. LAW, ECONOMICS. B.S. in Ed., City Col. New York, 36; LL.B., St. John's (N.Y.), 38, J.S.D., 39; B.S. Hopkins, 50. Lawyer, Ironside & Mahony, 37-41; dir. U.S. Housing Authority, 41-42; assoc. prof. law & finance & chmn. dept. BALTIMORE, 66-70, PROF. LAW & ACCT. & CHMN. DEPT. 70- Private practice, attorney, 45- Cert. Pub. Acct. Md. U.S.A., 42-45, Sgt. Anti-trust acts. Publ: Co-auth, Unification of Europe, George Washington Univ., 52. Address: 6805 Pimlico Dr., Baltimore, Md. 21209.
- COOPER, DR. SANDI ELAINE. Modern History, History of Peace. See 5th Ed, *Dir. Am. Scholars*, Vol. I, Hist.
- COOPER, PROF. WILLIAM W(AGER). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also prof. pub. policy & dean, 68- School of Urban & Public Affairs, Carnegie-Mellon University, Pittsburgh, Pa. 15213.
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- COPELAND, DR. JOHN W(ILSON). Philosophy. See 5th ed, *Dir. Am. Scholars*, Vol. IV, Philos, Relig. & Law.
- COPEN, DR. MELVYN R(OBERT), b. New York, N.Y., Jan. 23, 38; m. 60; c. 2. INTERNATIONAL BUSINESS, PRODUCTION MANAGEMENT. S.B. Mass. Inst. Tech., 58, S.M. 59; Ford Found. fel. & P.B.A. Harvard, 67. Prod. mgt. Gen. Elec. Co., 59-61; prog. assoc. estab. grad. sch. in India, Harvard Bus. Sch. & Ford Found., 63-66; res. fel. prod. mgt., Harvard Bus. Sch., 66-67; assoc. prof. prod. & logistics mgt. & int. bus., COL. BUS. HOUSTON, 67-68, dir. grad. studies, 68-69, ASSOC. DEAN, 69- U.S.A.R., 59-65. Asst. Ed. Int. Bus. Acad. Mgt. Problems concerning introduction of technological change, especially as they affect culture. Publ: Co-auth. Production management, text and cases, National, India, 70 & International management and economic growth, McGraw, (in press). Address: College of Business, University of Houston, Houston, Tex. 77004.
- COPLIN, DR. WILLIAM D(AVID). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69- Dept. of Political Science, Syracuse University, Syracuse, N.Y. 13210.
- COPPOCK, PROF. JOSEPH D(AVID). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Rockefeller vis. prof. Thammasat Univ., Thailand, 69-71. Address: Dept. of Economics, Pennsylvania State University, University Park, Pa. 16802.
- COPPOLLO, DR. HENRY, b. Cervicati, Italy, July 27, 26; U.S. citizen; m. 62; c. 1. PSYCHIATRY. M.D. Rome, 55. Intern. Cook County Hosp, Ill., 55-56; res. psychiatrist, Chicago, 56-59; asst. attending physician, Michael Reese Hosp, 59-61, pediat. liaison psychiatrist, 61-65, assoc. physician, 61-66, asst. chief child psychiatrist, 63-65; asst. prof. med. sch., Michigan, 66-68, dir. day care serv., Children's Psychiat. Hosp., 66-68, ASSOC. PROF. PSYCHIAT. & ASSOC. CHMN. DEPT. UNIV. MICHIGAN HOSP., 68- Res. asst. psychiatrist, Northwestern, 59-61; fel. Michael Reese Hosp, Chicago, 61-63. Child psychiat. consult. McLean County Health Clin, Ill., 59-66; med. sch., Wisconsin, 64- U.S.N. 44-46. Psychiat. Adm. Acad. Child Psychiat. Personality development; child and adult psychiatry and psychoanalysis. Publ: Maturational aspects of the transitional phenomenon, Int. *J. Psychoanal.*, 7/67; co-auth. Psychopathology of childhood, In: *Current diagnosis, Saunders*, 68; auth. Technical considerations in child psychiatry, *J. Am. Acad. Child Psychiat.*, 7/69. Address: Neuropsychiatric Institute, University of Michigan Hospital, Ann Arbor, Mich. 48104.
- CORAZZINI, DR. ARTHUR JOHN. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Economics, Tufts University, Medford, Mass. 02155.
- CORBALLIS, DR. MICHAEL, b. Barton, N.Z., Sept. 10, 36; m. 62; c. 1. EXPERIMENTAL PSYCHOLOGY, STATISTICS. B.Sc. Victoria, N.Z., 58, M.Sc. 59, B.A. 61; M.A. Auckland, 62; British Commonwealth scholar, McGill, 63-65, Ph.D.(psychol), 65. Lectr. PSYCHOL. Auckland, 66-68; ASST. PROF. McGill, 68- Psychomet. Soc.; assoc. mem. Can. Psychol. Assn.; Brit. Psychol. Soc.; N.Z. Psychol. Soc. Short-term memory and information processing in humans; discrimination learning; mathematical psychology. Address: Dept. of Psychology, Stewart Biology Bldg, McGill University, Montreal, Que., Can.
- CORBIN, DR. HORACE H(ARLAN). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn., 69-; Dept. of Psychology & Education, Mt. Holyoke College, South Hadley, Mass. 01075.



- CORBIT, DR. TIINA ERNITS, b. Pärnu, Estonia, Aug. 26, 43; Can. citizen; m. 67. **PSYCHOLOGICAL PSYCHOLOGY**. B.A. Toronto, 65; M.A., Western Ontario, 68; Ph.D. (psychol.), Brown, 69. **RES. ASSOC. PHYSIOL. PSYCHOL.**, DEPT. PSYCHOL., BROWN, 69. **AAAS: Can. Psychol. Assn.** Neural basis of behavior; regulation of fluid balance. Address: Dept. of Psychology, Brown University, Providence, R.I. 02912.
- COREY, DR. GERALD F. b. Los Angeles, Calif., July 7, 37; m. 65; c. 2. **PSYCHOLOGY**. B.A., Loyola (Calif.), 60, M.A., 61; Ed.D. (counseling & ed. psychol.), Southern California, 67. Teacher, high sch., Calif., 60-64; instr. psychol., Rio Hondo Jr. Col., 64-66; counsr., CALIF. STATE POLYTECH. COL., KELLOGG-VOORHIS CAMPUS, 67-68, ASST. PROF. TEACHER PREP, 68-Part-time private practice psychol., 68. Psychol. Assn. Personnel & Guid. Assn. Counseling psychology; educational psychology. Address: 9200 Colima Rd., Whittier, Calif. 90605.
- COREY, DR. JEFFREY R. b. Middletown, Conn., June 28, 39; m. 62; c. 2. **EXPERIMENTAL PSYCHOLOGY**. B.S. Trinity Col. (Conn.), 61; fel. Delaware, 61-65, M.S. 64, Ph.D. (psychol.), 67. Res. assoc. PSYCHOL. DEL. STATE HOSP., 65-66; asst. prof. C.W. POST COL., LONG ISLAND, 66-69, ASSOC. PROF., 69- Operant conditioning; experimental analysis of behavior; research design; applied behavior analysis. Address: Dept. of Psychology, C.W. Post College, Long Island University, Greenvale, L.I., N.Y. 11548.
- CORFIELD, DR. VERA, b. Kitchener, Ont. **SOCIAL PSYCHOLOGY**. B.A., Alberta, 61, Stapells scholar, 62, Henry Marshall Tory Mem. scholar, 62, 63, M.A., 63, Can. Coun. fel. 64, Ph.D. (soc. psychol.), 67. Psychologist II, Alta. Guid. Clin., 64-66; sessional lectr., Alberta, 66-67; ASST. PROF. PSYCHOL., CALGARY, 67. Res. grants, Calgary, 67, 68, Can. Coun. 68, 69, Alta. Human Resources, 69, Dept. Nat. Health & Welfare, 69. Mem. Calgary Social Planning Coun., 69. Am. Psychol. Assn.; Can. Psychol. Assn. The effect of stress and/or personality on susceptibility to influence including direct communications, group interaction with videotape playback, conditioning, and programmed learning; modification of self attitudes. Publ: Utilization of guidance clinic facilities in Alberta, Alta. Psychologist, 68; The role of arousal and cognitive complexity in susceptibility to social influence, J. Personality, 69; Cognitive complexity, relevance of communication to source of arousal, and susceptibility to social influence, Can. Psychologist, 3/69. Address: Dept. of Psychology, University of Calgary, Calgary, Alta., Can.
- CORNEHLSEN, PROF. JOHN HENRY, JR. **Psychology**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Independent Mgt. consult. Address: Depts. of Psychology & Business Administration, C.W. Post College, Long Island University, Greenvale, N.Y. 11548.
- CORROZZI, DR. JOHN F. b. Wilmington, Del., Oct. 15, 41; m. 66; c. 2. **EDUCATIONAL PSYCHOLOGY**. B.A., Delaware, 63, fel. 67-68, Ph.D. (behav. sci.), 70; M.S. Boston, 66. Epidemiologist, U.S. Pub. Health Serv. Phila., Pa., 63-64; res. assoc., Assoc. Res. in Behav., Phila., 66; ASSOC. DIR. CONSULT. CENTER ED. PERSONNEL, DELAWARE, 68- Air Nat. Guard, 62, 1st Lt. Psychol. Assn; Nat. Soc. Study Ed. Attitude measurement and change; evaluation of instructional programs. Publ: Co-auth. Consonant and dissonant communications as positive and negative reinforcements in opinion change, J. Personality & Soc. Psychol., 8: 27-30. Address: Consulting Center, College of Education, University of Delaware, Newark, Del. 19711.
- CORSON, DR. JOHN J. **Economics**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: chmn. bd, Fry Constar, Inc, Wash, D.C., 69. Address: 4775 Old Dominion Dr., Arlington, Va. 22207.
- CORT, DR. HENRY (RUSSELL), JR. **Psychology**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn. ed. studies dept, Wash. Sch. Psychiat., 68- Address: 2901 Stanton Ave., Silver Spring, Md. 20910.
- CORTADA, RAFAEL LEON. **Latin American & Modern European History**. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CORTEEN, DR. RAYMOND SCOTT. **Psychophysiology**. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- CORTY, PROF. FLOYD L(OUIS). **Agricultural Economics**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also team leader, Malaysia Proj., 70-. Louisiana State University, University Station, Baton Rouge, La. 70803.
- CORWIN, DR. NORMAN R(OBERT). **Sociology, Social Ethics**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Community services consult., 68-, Lutheran Social Services, Central Pennsylvania Region, 221 W. Fourth St., Williamsport, Pa. 17701.
- CORWIN, PROF. RONALD G. **Sociology**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., 69-, Dept. of Sociology, Ohio State University, 1775 S. College Rd., Columbus, Ohio 43210.
- COSER, PROF. LEWIS A. **Sociology**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Distinguished prof., 69-, Dept. of Sociology, State University of New York at Stony Brook, Stony Brook, N.Y. 11790.
- COSGROVE, DR. DON J(AMES). **Industrial Psychology**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. psychol., Xavier, 69- Address: 6305 Parkman Place, Cincinnati, Ohio 45213.
- COSLETT, DR. STEPHEN B. **Clinical Psychology**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: No longer dir. counseling, Dickinson. Address: 1004 Drayer Court, Carlisle, Pa. 17013.
- COSTELLO, PROF. DONALD F. **Statistics, Computer Science**. See Supplement V to 11th ed, Phys. & Biol. Vols.
- COSTELLO, DR. PETER M. b. New York, N.Y., Jan. 3, 32; m. 57; c. 2. **ECONOMICS**. B.S., Vermont, 58; M.A., Connecticut, 60; Ph.D. (econ), Mich. State, 66. Asst. prof. ECON, Smith Col., 64-68; ASSOC. PROF., BRIDGEPORT, 68-. Econ. Assn. Industrial organization; micro economic theory. Publ: Technological progress in the ethical drug industry, Senate Select Cmt. Small Bus., U.S. Cong. 67; The tetracycline conspiracy, Antitrust Law & Econ. Rev. 68; Economics of the ethical drug industry, Antitrust Bull., 69. Address: Dept. of Economics, University of Bridgeport, Bridgeport, Conn. 06602.
- COTLER, DR. SHERWIN B. b. Chicago, Ill., Mar. 2, 41; m. 65; c. 1. **CLINICAL PSYCHOLOGY, CHILD DEVELOPMENT**. B.A., Calif. State Col., 64, M.A., 66; Robert Galland scholar, Washington State, 68-70, Ph.D. (psychol.), 70. Asst. park dir., Long Beach Recreation Dept., 61-65; Vet. Admin. trainee CLIN. PSYCHOL., LONG BEACH VET. ADMIN. HOSP., 68; INTERN, CAMARILLO STATE HOSP., 69- Assoc. Psychol. Assn. Application of learning theory to the understanding and treatment of child and adult behaviors; child clinical and community psychology. Publ: Co-auth. Systematic desensitization of test anxiety, 68 & auth. Sex differences and generalization of anxiety reduction with automated desensitization and minimal therapist interaction, (in press), Behav. Res. & Ther. co-auth. Resistance to extinction following sequences of partial and continuous reinforcement in a human choice task, J. Exp. Psychol., 69. Address: Long Beach Mental Health Service, 236 E. Third St., Long Beach, Calif. 90812.
- COTTLE, PROF. W(ILLIAM) M. C. **Psychology**. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Boston College, 314 McGuinn Hall, Chestnut Hill, Mass. 02167.
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- COTTRELL, JAMES WILLIAM. **Clinical & Industrial Psychology**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Chief pediat. psychologist, Med. Col. Va., 68- Address: 8813 Watlington Rd., Richmond, Va. 23229.
- COULSON, DR. MICHAEL R(OBERT) C(UMMINS). **Geography**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 68-, Dept. of Geography, University of Calgary, Calgary, Alta., Can.
- COULSON, PROF. ROGER W(AYNE), b. Burlington, Iowa, May 7, 21; m. 49; c. 2. **CHILD DEVELOPMENT, EDUCATIONAL PSYCHOLOGY**. B.A., Iowa, 42, M.A., 49, Ph.D. (ed. psychol.), 56. Teacher, high sch., Iowa, 48-47; asst. audio-visual & measurement, col. ed., Iowa, 47-49; from asst. prof. spec. ed. to prof. measurement, col. ed., Butler, 50-68; PROF. CHILD DEVELOP. & HEAD DEPT., COL. HOME ECON, IOWA STATE, 68- Psychol. consult., Crossroads Rehab. Center, Ind., 56-59, Indianapolis Coun. Preschool Coop., 68-68; pastoral care & counseling center, Church Nat. Col., 68-68. U.S.M.C.R., 42-45, 17/5gt. Children with specific learning disabilities; longitudinal studies of the variety of aspects of growth and development; physiology and processes of human learning. Address: Dept. of Child Development, Iowa State University, Ames, Iowa 50010.
- COULSON, DR. WILLIAM R(ODNEY). **Psychology, Philosophy**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Fel. center studies of the person, 68- Address: 1125 Tarrey Pines Rd., La Jolla, Calif. 92037.
- COULTER, DR. EDWIN M(ARTIN). **Political Science**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Chmn., 68-, Division of Social Sciences, Oklahoma College of Liberal Arts, Box 3227, Chickasha, Okla. 73018.
- COUNT, DR. EARL W(ENDEL). **Anthropology**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Retired. Address: 2832 Webster St., Berkeley, Calif. 94705.
- COUNTS, DR. DOROTHY E. b. Jan. 8, 37; U.S. citizen; m. 56; c. 3. **ANTHROPOLOGY, POLITICAL SCIENCE**. B.S., Southwest Tex. State Col., 57; M.A., Kentucky, 63; Nat. Sci. Found. grant, Southern Illinois, 66-67, Ph.D. (govt.), 68. ASST. PROF. ANTHROP., WATERLOO, 69- Politics and economic change in Kandoka village, West New Britain, territory of New Guinea. Address: Dept. of Anthropology, University of Waterloo, Waterloo, Ont., Can.
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- COUSINS, PROF. WILLIAM J(AMES). **Sociology**. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-, Dept. of Sociology, Federal City College, 425 Second St. N.W., Washington D.C. 20001.
- COUTANT, DR. LOWELL WINFORD, b. Grants Pass, Ore., Mar. 24, 37; m. 59. **PSYCHOLOGICAL & COMPARATIVE PSYCHOLOGY**. B.A., Oregon, 61; M.S. Pa. State, 65; Ph.D. (physiol. & comp. psychol.), 68. ASST. PROF. PSYCHOL., WHEATON COL. (MASS.), 68- U.S.A., 55-57. AAAS; Psychol. Assn. Association cortex and limbic system functions; frontal lobe functions in cats; primate behavior; motivation. Publ: Co-auth. Reversal and non-reversal shifts by cats and rhesus monkeys, J. Comp. & Physiol. Psychol., 68 & Cortical lesions and response inhibition in cats, Neuropsychologia, 69. Address: Dept. of Psychology, Wheaton College, Norton, Mass. 02768.
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- COWAN, PROF. JOSEPH L. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- COWDEN, DR. T.(HOMAS) (KYLE). Agricultural Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Asst. secy, U.S. Dept. Agr., 69- Address: 3833 Roberts Lane N, Arlington, Va. 22207.
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- COWHIG, DR. JAMES D(ANIEL). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Res. adv, Model Cities Admin. U.S. Dept. of Housing & Urban Develop, 69- Address: 333 S. Glebe Rd, Arlington, Va. 22204.
- COWLEY, PROF. W(ILLIAM) H(AROLD). Educational Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Emer. David Jacks prof. higher ed, Stanford, 68- Address: 848 Northampton Dr, Palo Alto, Calif. 94303.
- COWNE, PROF. LESLIE JOAN. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 56 E. 66th St, New York, N.Y. 10021.
- COX, PROF. A(LONZO) B(ETTIS). Economics. See 11th ed, Soc. & Behav. Vols, deceased 68.
- COX, DR. BLANCHE, b. Thebes, Ill. PSYCHOLOGY, EDUCATION. B.Ed. Southern Illinois, 41; M.A. Illinois, 46; D.Ed.(ed. psychol.) Miami (Fla), 63. Counsr, Miami-Dade Jr. Col, 60-62, adv. 62-63, asst. to dean of students, 63-65, counsr. women, 65-66, ASSOC. DEAN OF STUDENTS, SOUTH ALABAMA, 66- Psych. Assn; Personnel & Guid. Assn Nat. Assn. Women Deans & Counsr. Address: Apt. 128, 1759 Springhill Ave, Mobile, Ala. 36607.
- COX, PROF. HARVEY GALLAGHER, JR. Religion & Society. See Suppl. I to 5th ed, Dir. Am. Scholars.
- COX, DR. JAMES LAMAR. Religion, Political Science. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- COX, PROF. ROY LEONARD. Sociology of Education. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. curriculum & instr. & head dept, 69-, School of Education & Psychology, Western Carolina University, Cullowhee, N.C. 28723.
- COX, DR. WILLIAM A(RTHUR), b. Evanston, Ill, Dec. 10, 37; m. 64; c. 2. ECONOMICS. B.A. Northwestern, 59; Int. Finance, Princeton, 60, Ph.D. (econ), 68; Fulbright fel, Vienna, 61. Res. economist, Inst. Defense Anal., 63-68; guest asst. prof. econ, Southern California, 68-69; asst. prof, Maryland, 69-70; ECONOMIST, UN INDUSTR. DEVELOP. ORGN, 70- Econ. Assn. Price theory, especially theory of the firm; economic development; theory of international trade and finance. Publ: Expenditure tying as a contributor to exports: the German-American offset agreement, 65, co-auth, Demand analysis for air travel by supersonic transport, 66 & An economic model of the U.S. shipbuilding industry, 70, Inst. Defense Anal. Address: United Nations Industrial Development Organization, Vienna, Austria.
- COYLE, PROF. DARCY C(RENSHAW), b. Cadiz, Ky, Oct. 26, 18; m. 42, 69; c. 1. MANAGEMENT. B.S. U.S. Naval Acad, 41; M.B.A. Harvard, 48, D.B.A. 62; Mass. Inst. Tech, 49-50. Lectr. bus. admin, Babson Inst, Mass, 48-51; asst. to dir. gen. mgr. electronics div, Sylvania Elec. Prod. Inc, 51-53; dir. European engs. Consult, Inc, Netherlands, 53-54; chief eng. & div. head, A.G. Spalding & Bros, Inc, Mass, 54-57; asst. prof. prod. mgmt, grad. sch. bus. admin, Harvard, 57-59; lectr. & chmn. dept. col. bus. admin, Boston Univ, 59-61; PROF. MGT, HARTFORD GRAD. CENTER, RENNELS- LAER POLYTECH, INST, 61- Lectr. Brit. Inst. Mgt, Oxford, 66-68. Dir. summer mgmt. sch, Watford Col. Tech, Eng, 66 & 67, prof. IMEDE Mgt. Develop. Inst, Lausanne, Switz, 67 & 68. U.S.N. 36-46, Lt. Comdr. Production management; finance; human relations; business policy. Publ: Predictability of human behavior in business, Springs Mass, 5/65; co-auth, Introduction to financial analysis, In: Casebook for management and business policy; a systems approach, Int. Textbook, 68. Address: Dept. of Management, Hartford Graduate Center of Rensselaer Polytechnic Institute, East Windsor Hill, Conn. 06028.
- COYLE, MAJ. HAROLD S, JR. U.S.A.F. b. Rochester, N.Y., Aug. 20, 35; m. 61; c. 3. INDUSTRIAL RELATIONS & PSYCHOLOGY. B.S. U.S. Naval Acad, 57; M.S. Purdue, 61, Krannert fel, 65-67, Ph.D.(indust. rels), 67. U.S. AIR FORCE 57-57, planning engr, Civil Eng. Group, Homestead Air Force Base, 57-58, 2nd Air Force Hq, Barksdale Air Force Base, 58-60; proj. engr, Hq. Alaskan Air Command, Elmendorf Air Force Base, Alaska, 61-63, chief mgt. div, 63-64, dir. resource planning, 65; instr. PSYCHOL, U.S. AIR FORCE ACAD, 67, ASST. PROF, 67- Lectr, Colorado, 68- Indust. Rel. Res. Assn. Placement and treatment of scientific and professional personnel in organizations; motivation and retention of Air Force officers in the military; managerial performance appraisal. Publ: Co-auth, The utility of OER word pictures as performance discriminators, Air Force Human Rel. Lab. Tech. Report, 9/70. Address: Dept. of Psychology & Leadership, U.S. Air Force Academy, Colorado Springs, Colo. 80840.
- COYNE, DR. THOMAS JOSEPH, b. Wheeling, W.Va, Dec. 24, 33; m. 57; c. 5. ECONOMICS, FINANCE. B.B.A. Marshall, 58; M.B.A. Kent State, 61; Nat. City Bank Cleveland fel. & Ph.D.(econ), Case Western Reserve, 67. Staff credit mgr. B.F. Goodrich Co, 57-61; gen. credit mgr. Robinson Clay Prod. Co, 61-63; internal audit officer, Chesapeake & Ohio Rwy, 63-64; instr. econ, Kent State, 64-67; asst. prof. econ. & chmn. dept, Marshall, 67-69; ASSOC. PROF. ECON. & FINANCE, AKRON, 69- Instr. Case Western Reserve & Bur. Bus. Res, 63-64; John Carroll, 64-65. Participant, summer seminar microecon. & monetary econ, 68. U.S.A. 52-54. Econ. Assn; Arbit. Assn; Finance Assn. Managerial economics; arbitration; monetary and fiscal theory; economic impact of tax on value-added. Publ: Toward a managed economy, In: Notable and quotable, Wall St. J. 7/66; The banking structure in West Virginia, W.Va. Legis. Servs, 4/68. Address: 1020 Winhurst Drive, Akron, Ohio 44313.
- CRABB, PROF. CECIL V. JR. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. & chmn, 68-, Dept. of Government, Louisiana State University, Baton Rouge, La. 70803.
- CRABTREE, DR. JAMES S., b. Pittsburgh, Kans, Jan. 13, 26; m. 53. INDUSTRIAL RELATIONS & MANAGEMENT. B.A. Kansas, 55; B.S. Akron, 57; M.B.A. Missouri-Kansas City, 63; U.S. Dept. Labor, Wisconsin, Madison, 66-67, Ph.D.(ind. rels), 67. Training counsr. & sales supporting superv. F. & R. Lazarus & Co, Columbus, Ohio, 58-58; training dir, Emery Bird Thayer Co, Kansas City, 58-60; asst. prof. LABOR & INDUSTR. RELS, MISSOURI-KANSAS CITY, 67-69, ASSOC. PROF, 69-, res. grants, 68-70, Indust. Rel. Res. Assn. Public sector labor; management relations in Missouri; municipalities and schools at the primary and secondary levels. Publ: The structure of related instruction in Wisconsin apprenticeship programs. In: Essays on apprenticeship, Center Studies Voc. & Tech. Ed, Univ. Wisconsin, 67. Address: School of Administration, Oxford Hall, University of Missouri-Kansas City, 5100 Rockhill Road, Kansas City, Mo. 64110.
- CRAFT, DR. JAMES P(RESSLEY), JR. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Ph.D. Pennsylvania, 69. Asst. prof, 68-, Dept. of Political Science, Ursinus College, Collegeville, Pa. 19426.
- CRAGUN, DR. JOHN REUBEN, b. Nov. 28, 34; U.S. citizen; m. 57; c. 5. INDUSTRIAL PSYCHOLOGY. B.S. Utah State, 59, M.S. 61; Ph.D.(indust. psychol), Purdue, 66. Instr. psychol, U.S. Army Adj. Gen. Sch, 60-62; asst. prof. BUS. ADMIN. & PSYCHOL, UTAH STATE, 66-68, ASSOC. PROF, 68- Consult, West. States Small Schs. Proj, Utah State Bd. Ed, 66. Adj. Gen. C, U.S.A., 60-62, Capt. Psychol. Assn. Employee motivation; leadership; job analysis; psychological testing; management development; programmed instruction; attitudes and morale; group and organizational behavior. Publ: Co-auth, Job inventory information: task and scale reliabilities and scale interrelationships, Lackland Air Force Base, 67 & An evaluation of career self-direction education, West. States Small Schs. Proj, Utah State Bd. Ed, 69. Address: Dept. of Business Administration, Utah State University, Logan, Utah 84321.
- CRAIG, PROF. ALBERT MORTON. Japanese History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CRAIG, DR. GEORGE DENNIS, b. Geneva, Ill, Sept. 14, 36; m. 59; c. 1. ECONOMICS, STATISTICS. A.B. Wheaton Coll.(Ill), 60; Nat. Defense Ed. Act fel, Illinois, 60-63, M.S. 62, Nat. Sci. Found. summer fel, 64, Ph.D. (econ), 68. Asst. prof. bus. statist. La. State, Baton Rouge, 65-67, econ. & economet, 67-69, ASSOC. PROF. FINANCE, NORTHERN ILLINOIS, 69- Econ. Assn; Statist. Assn; Economet. Soc. Investigation of predictive accuracy of aggregate annual and quarterly saving functions. Address: Dept. of Finance, Northern Illinois University, DeKalb, Ill. 60115.
- CRAIG, DR. JAMES HARVEY, b. Detroit, Mich, June 14, 17; m. 65; c. 2. SOCIAL PSYCHOLOGY. B.B.A. Texas, 42, B.A. 54, Ph.D.(psychol), 61. Mat. control coordinator, Zenith Radio Corp, 43-45; entrepreneur boats & construct, 45-54; teacher, Lake Jackson Jr. High Sch, 54-55; res. scientist, defense res. lab, Texas, 57-62, instr. psychol, 60-61, asst. prof, 61-62; San Fernando Valley State Col, 63-66; CO-DIR, CENTER FOR STUDY OF POWER, 67- AAAS; Psychol. Assn; Soc. Psychol. Center Social Issues. Audition; nature of man; leadership; resolution of intergroup conflict; the interrelations among individual differences, social values, personal attribution, personal and group power and social stability and change. Publ: Co-auth, The effect of phase on the quality of a two-component tone, J. Acoustical Soc. Am, 60 & Sensitivity training in human relations for deaf adults, Deaf Am, 65; The no-lose conflict-resolution approach to the Vietnam crisis, In: In process, Univ. California, Los Angeles, 65. Address: 13 Bay Tree Lane, San Anselmo, Calif. 94960.
- CRAIG, PROF. PAUL G(ENE). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: V.pres. acad. affairs, 70-, Florida State University, Tallahassee, Fla. 32306.
- CRAIG, DR. RICHARD B, b. Blytheville, Ark, Jan. 28, 35; m. 60; c. 1. POLITICAL SCIENCE. B.A. Missouri-Columbia, 58, M.A. 63, Ph.D.(pol. sci), 60. Teacher, Ind. Univ., 60-65; ASST. PROF. POLIT. SCI, KENT STATE, 69- U.S.A. 58-60. Polit. Sci. Assn. Cooperative politics; Latin America. Address: Dept. of Political Science, Kent State University, Kent, Ohio 44240.
- CRAIG, DR. WESLEY W., Jr, b. Cascade, Idaho, Nov. 21, 27; m. 56; c. 5. SOCIOLOGY. B.A. Brigham Young Univ, 58. Nat. Defense Ed. Act fel, New Mexico, 59-62, Ph.D.(rural sociol), Cornell, 67. Asst. prof. sociol, N.C. State, 65-67, ASSOC. PROF. SOCIOL. & COORDINATOR LATIN AM. STUDIES, BRIGHAM YOUNG, 67- Vis. prof, Agrarian Univ, 69- 65-67. Consult, Bolivian Higher Ed, Ford Found, 67. Mem. exec. coun, Rocky Mt. Coun. Latin Am. Studies, 67-69, exec. secy, 69-70. U.S.N.R. 45-46. U.S.C.G. 47-51, Res, 60-62, Lt. Sociol. Assn; Rural Sociol Soc; Latin Am. Studies Assn. Processes of modernization and social change in underdeveloped countries, especially Latin America; migration; innovation; community organization and development; education. Publ: The peasant movement of La Convencion, Peru, In: Latin American peasant movements, Cornell, 69; La migración de la sierra hacia la caja de la Montana, Dept. Sociol. Agrarian Univ, Peru, 66; From hacienda to community, Latin Am. Studies, Prog. Cornell, 67. Address: Dept. of Sociology, Brigham Young University, Provo, Utah 84601.
- CRAIGHEAD, PROF. CARL F(AUBION). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1109 Spruce, Coffeyville, Kans. 67337.



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- CRAIN, PROF. CLARK N(DON). Geography. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Consult, Lower First Prof, Turkey. Address: Dept. of Geography, University of Denver, Denver, Colo. 80210.
- CRABINE, PROF. EUGENE R(ICHARD). History, Anthropology. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CRAMER, PROF. D(ALE) L(OUIS). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also head, 69-, Dept. of Economics, University of Alabama, University, Ala. 35486.
- CRAMER, DR. ROBERT LAWRENCE. Neurophysiology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- CRAMTON, PROF. ROGER C. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- CRANDALL, DR. MAUREN S, b. New Haven, Conn, June 30, 41; m. 66. ECONOMICS. A.B. Smith Col, 62; A.M. Northwestern, 65, Am. Assn. Univ. Women fel, 65-66, Ph.D.(econ), 69. Instr. ECON, WELLESLEY COL, 67-69, ASST. PROF, 69. Econ. Assn. Monetary theory and policy: economics of particular industries. Publ: Co-auth, Instructors manual for Samuelson text, McGraw, 70. Address: Dept. of Economics, Wellesley College, Wellesley, Mass. 02181.
- CRANNY, DR. CHARLES J, b. Delmar, Iowa, July 24, 35; m. 60; c. 3. PSYCHOLOGY. B.S. Iowa State, 62, M.S. 65, Ph.D.(indust. psychol), 67. Instr. PSYCHOL, Iowa State, 63-66; ASST. PROF, BOWLING GREEN STATE, 66-67. Drake, 66-68. Consult, U.S. Air Force Opera. Anal. Standby Unit, Iowa State Univ, 66. U.S.A., 54-56, Res. 56-62. Psychol. Assn. Industrial psychology, particularly measurement and prediction, work attitudes and training. Publ: Co-auth, Non-verbal language for colors, 67 & Effort ratings of a random sample of CVCs, 69, Perceptual & Motor Skills; Psychology of men at work, Ann. Rev. Psychol, 68. Address: Dept. of Psychology, Bowling Green State University, Bowling Green, Ohio 43402.
- CRANZ, PROF. F(ERDINAND) EDWARD, Intellectual History. See Volume I, History.
- CRAW, DR. ALEXANDER R. Mathematics, Operations Research. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- CRAWFORD, BILLY MAX, b. Erick, Okla, July 2, 30; m. 57; c. 2. ENGINEERING & INDUSTRIAL PSYCHOLOGY. A.B. Oklahoma Baptist, 54; M.S., Okla. State, 57; univ. fel, Tex. Tech. Col, 57-59; U.S. Air Force fel, Ohio State, 63-64. Instr. psychol, Tex. Tech. Col, 58-59; ENG. RES. PSYCHOLOGY, AEROSPACE MED. RES. LAB, DEPT. AIR FORCE, 59. A.U.S., 48-49, 50-51. Human Factors Soc. Learning theory: psychophysics; visual perception; manual control; maintainability and man-machine system design. Publ: Joy stick vs multiple levers for remote manipulator control, 2/64 & co-auth, Judgments of relative distance based on separate 2-D TV views, 10/67, Human Factors Soc.; Designing for maintainability. In: Human engineering guide to equipment design, McGraw-Hill, rev. ed, 69. Address: 388 Fairway Dr, Fairborn, Ohio 45324.
- CRAWFORD, DR. MEREDITH P(ULLEN). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Pres, 69-, HUMRO, 300 N. Washington St, Alexandria, Va. 22314.
- CRAWFORD, DR. MICHAEL H, b. Shanghai, China, July 25, 39; U.S. citizen; m. 61; c. 1. ANTHROPOLOGY, GENETICS. B.A., Washington (Seattle), 60, M.A., 65, Ph.D.(anthrop), 67; Nat. Sci. Found. summer fel, California, Berkeley, 64. Human Factors Soc. Found. summer fel to U.S.S.R., 64. Res. asst. surg. Washington (Seattle), 61-63, teaching asst. anthrop, 63-65, mem. res. biostat, 68-69, summer res. grants, int. center, 68-69. Wenner-Gren Found. res. grant, 69-70. U.S.N., 60-61. Anthropol. Assn; Soc. Human Genetics; Assn. Phys. Anthrop.; Brit. Soc. Study of Human Biol; Int. Assn. Human Biol. Human biology of central Mexico; microevolution in an Alpine genetic isolate in northern Italy; evolution in the city; protein evolution in primates; human behavioral genetics. Publ: Ed, Man's evolution in the city, Chandler-Davis, 70; auth, Hemoglobin polymorphism in macaca nemestrina, Science, 154: 398-399 & Trends in genetics and biological anthropology. In: Biennial review of anthropology, Stanford, 70. Address: Dept. of Anthropology, University of Pittsburgh, Pittsburgh, Pa. 15213.
- CRAWFORD, DR. PAUL LEONIDAS. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. & chmn, 68-, Dept. of Psychology, West Virginia State College, Institute, W. Va. 25112.
- CRAWFORD, PROF. ROBERT PLATT. Journalism. See 5th ed, Dir. Am. Scholars, Vol. II, Eng, Speech & Drama.
- CRAWSHAW, DR. MARSHALL RICHARD. Educational Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Counseling psychologist, Vet. Admin, 68. chmn. voc. rehab. bd, regional of, Los Angeles. Address: 1080 Bush Gardens Court, Pasadena, Calif. 91105.
- CRIEGER, PROF. DON MESICK. British & American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CREGO, DR. CLYDE A. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Consult. psychologist, U.S. Govt, 69- Address: 6709 Bracken Court, Springfield, Va. 22152.
- CRESPI, DR. LEO P(AUL). Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dep. asst. dir, 69-, Office of Research & Assessment, U.S. Information Agency, 1750 Pennsylvania Ave. N.W., Washington, D.C. 20547.
- CRESPI, DR. MURIEL, b. New York, N.Y., Dec. 6, 29. ANTHROPOLOGY. B.A., Brooklyn Col, 59; M.A. Columbia, 62; Ph.D.(anthrop), Illinois, Urbana, 68. ASST. PROF. ANTHRO, HUNTER COL, 68. Nat. Inst. Ment. Health grant, 69-70; City Univ. New York faculty fel, summer 69. Anthropol. Assn. Relationships between peasant and other sectors in Latin American society, particularly as these affect stability and change in peasant social systems. Address: Dept. of Anthropology, Hunter College, 695 Park Ave, New York, N.Y. 10021.
- CRESSEY, DR. WILLIAM W(HITNEY). Spanish Linguistics. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang, Ling. & Philol.
- CRESSY, PROF. EARL H(ERBERT). Chinese Studies. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- CRIGLER, DR. T. P. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Mgt. econ. res. & develop, Armour Chem. Indust, Armour & Co, 63-, asst. to group v.p.res, Indust. Prod. Group, 66- Address: Armour & Co, 401 N. Wabash Ave, Chicago, Ill. 60611.
- CRISP, DR. LLOYD, b. Montrose, Colo, Sept. 12, 31; m. 54; c. 4. SPEECH. M.A., San Francisco State Col, 60; Ph.D.(commun. methodology), Denver, 67. Asst. prof. SPEECH, SAN FRANCISCO STATE COL, 60-67, ASSOC. PROF, 67-, CHMN. DEPT, 69- Dept. Health, Ed. & Welfare fel, 68-69. Speech Assn. Am. Interpersonal communications; communications theory. Publ: Camp soap box, Lib. Democrat, 5/63; co-auth, Subordinate ethics and leadership attitudes, Quart. J. Speech, 12/67. Address: Dept. of Speech, San Francisco State College, San Francisco, Calif. 94132.
- CRISPEY, DR. ORLO L(EE). Industrial Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Independent consult. psychologist, 70- Address: 6317 Morrish Rd, Swartz Creek, Mich. 48473.
- CROCKER, DR. THOMAS D, b. Bangor, Maine, July 22, 36; m. 61; c. 1. ECONOMICS. A.B. Bowdoin Col, 59; Ph.D.(agr. econ), Missouri-Columbia, 67. Instr. ECON, Wisconsin-Milwaukee, 63-67, asst. prof, 67-70; ACTING AS-SOC. PROF, CALIFORNIA, RIVERSIDE, 70- Prin. investr. Nat. Insts. Health res. grant, 68-68; U.S. Pub. Health Serv. contract, 69-70. Consult, Nat. Air Pollution Control Admin. U.S. Pub. Health Serv, 66- Int. Res. & Tech. Corp, D.C., 69- Econ. Assn; Agr. Econ. Assn; Air Pollution Control Assn. Natural resource economics; microeconomic theory; applied econometrics. Publ: Some economics of air pollution control with special reference to Polk County, Florida, U.S. Pub. Health Serv, 68; The structuring of atmospheric pollution control systems. In: The economics of air pollution, Norton, 66; Some economic aspects of air pollution control, Natural Resources J, 4/68. Address: Dept. of Economics, University of California, Riverside, Calif. 92502.
- CROCKER, PROF. WILLIAM LUCKEY, b. Birmingham, Ala, Apr. 24, 26; m. 52; c. 3. EDUCATIONAL PSYCHOLOGY, EDUCATION. B.S., Alabama, 47, M.A., 52, Ed.D.(curriculum instr), 58- Teacher, Greenwood Jr. High Sch, 47-49; Oak Grove, 49-52, prin, 55-57; Alliance Jr. High Sch, 52-54; McAdory High Sch, 54-55; asst. prof. psychol, Florence State, 58-60; secondary ed, Rutgers, 60-61; PROF. PSYCHOL, FLORENCE STATE, 61-, CHMN. DEPT, 69- Address: 2030 Conway Dr, Florence, Ala. 35630.
- CROLEY, DR. HUGH T(HOMAS). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Ford Foundation, P.O. Box 2344, Cairo, Egypt.
- CROMER, DR. WARD J, b. Emmetsburg, Iowa, Apr. 7, 40. PSYCHOLOGY. B.A., Oberlin Col, 62; M.A., Clark, 64, Ph.D.(psychol), 68. ASST. PROF. PSYCHOL, WELLESLEY COL, 68-, CHMN. DEPT, 70- Res. assoc, Clark, 68-; U.S. Off. Ed. res. grant, 69-70. Psychol. Assn. Reading and reading difficulty; college mental health. Publ: Co-auth, Reading and reading difficulty: a conceptual analysis, Harvard Ed. Rev, fall 67; auth, A clinical psychologist's approach to the teaching of personality theory, Clin. Psychologist, spring 69; auth, The difference model: a new explanation for some reading difficulties, J. Ed. Psychol, (in press). Address: Dept. of Psychology, Wellesley College, Wellesley, Mass. 02161.
- CROMWELL, PROF. RUE L(eVELLE). Clinical Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Chief div. psychol, 69-, Lafayette Clinic, 951 E. Lafayette, Detroit, Mich. 48207.
- CRONIN, DR. WALTER F, b. Oneida, N.Y., Aug. 16, 17; m. 47; c. 2. POLITICAL SCIENCE, HISTORY. A.B. Hamilton Col, 38; A.M. Fletcher Sch. Law, 39; Ph.D.(polit. sci), Harvard, 50. With indust. corps, 39-42; researcher, U.S. Dept. State, 49-67; HISTORIAN, U.S. DEPT. TRANSPORTATION, 67-U.S.A., 42-46, Capt. Polit. Sci. Assn; Hist. Assn. United States diplomatic history; developing countries, particularly development of political institutions; history of the United States Department of Transportation and its programs. Address: 602 Poplar Dr, Falls Church, Va. 22046.
- CRONKHITE, DR. GARY L(YNN), b. Dallas City, Ill, Sept. 21, 36; m. 57; c. 2. SPEECH, PSYCHOLOGY. A.B., Greenville Col, 57; M.S., Illinois State, 61; Ph.D.(speech), Iowa, 65. Instr. speech, Illinois, 64-65, asst. prof, 65-67; ASSOC. PROF. SPEECH & PSYCHOL, ILLINOIS STATE, 67- Speech Assn. Am; Nat. Soc. Study Comm; Psychol. Assn. Attitude theory and measurement; persuasion and argumentation; psycholinguistics. Publ: Persuasion; speech and behavioral change, Bobbs-Merrill, 69; co-auth, Frustration and

- language intensity, 6/65 & auth, Autonomic correlates of dissonance and attitude change, 11/66, Spec. Monogr. Address: Dept. of Speech, Illinois State University, Normal, Ill. 61761.
- CROOK, PROF. DOROTHEA JOHANNSEN.** Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. prof., 68-. Dept. of Psychology, Tufts University, Medford, Mass. 02155.
- CROOK, DR. MASON (NELSON).** Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, 69-. Address: 84 Woods Ave, Somerville, Mass. 02144.
- CROOK, PROF. MILTON PRICE, JR.** Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Political Science, Prairie View Agricultural & Mechanical College, Prairie View, Tex. 77445.
- CROOKS, DR. EDWIN WILLIAM.** Business Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Chancellor, 69-, Indiana University Southeast, Jeffersonville, Ind. 47130.
- CROPLEY, DR. ARTHUR (JOHN).** b. Marree, S. Australia, Dec. 31, 35; m. 62; c. 2. **PSYCHOLOGY.** B.A., Adelaide, 57, Dip. Ed., 60; M.Ed., Alberta, 63, Ph.D. (ed. psychol.), 65. Schoolteacher, Australia, Eng. & Can. 56-61; lectr. **PSYCHOL.** Univ. New England, Australia, 65-67; asst. prof., SASKATCHEWAN, REGINA, 67-69. **ASSOC. PROF.** 69- Australian Army, 54-66, Sgt. Am. Psychol. Asn., Australian Psychol. Soc. Nature and organization of intellectual abilities, especially creativity; experimental psychopathology. Publ: Creativity, Longmans, London, 67 & 69, U.S. ed., Humanities, 69, Italian ed., Nuova Italia Editrice, 69, Swedish ed., Almqvist & Wiksell, 70, German ed., 70 & Danish ed., Gyldendal, 71; co-auth, Objective therapy predictors in depression, J. Clin. Psychol., 67 & A biochemical correlate of divergent thinking, Can. J. Behav. Sci., 70. Address: Dept. of Psychology, University of Saskatchewan, Regina, Sask, Can.
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- CROWELL, DR. GEORGE (HARVEY).** Christian Ethics, Social Action. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- CROWLEY, DR. DAVID (SMOND).** Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof. physiological acoustics, 69-. Division of Communication Disorders, Washington University School of Medicine, 724 S. Euclid Ave, St. Louis, Mo. 63110.
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- CRUTCHFIELD, PROF. JAMES ARTHUR, JR.** b. New London, Conn., Sept. 9, 19; m. 49; c. 3. **ECONOMICS.** B.A., California, Los Angeles, 40, M.A., 42, Ph.D. (econ.), California, Berkeley, 54. Teaching asst. econ. California, Los Angeles, 40-42; economist, San Diego & Los Angeles Dist. Off., Off. Price Admin., 42-45; teaching asst. econ., California, Berkeley, 46, lectr. sch. bus. admin., 47-49; from asst. prof. to PROF. ECON., WASHINGTON (SEATTLE), 49-. Economist, Seattle Regional Off., Off. Price Stabilization, 50-51; res. grants Resources for Future, Inc. 58 & 60-62, Wash. State Dept. Fisheries, 56, 62, 63 & 66-67, U.S. Fish & Wildlife Serv., 57-59 & 61-62, UN Food & Agr. Orgn., 62, Nat. Sci. Found., 66-67 & 69-70, Wash. State Dept. Water Resources & Fed. Water Pollution Control Admin., 69. Consult., L. P. Smith & Co., 54-55; Ore. State Col., 55-56; U.S. Fish & Wildlife Serv., 62; U.S. Coast & Geod. Surv., 65; Research Agency of Can., 65-66; Kaiser Indus., & State of Calif., 67-68; UN Develop. Planning, Lake Victoria Fisheries Res. Proj., Uganda, 67-68. Chmn., Faculty Seminar on Pub. Policy Issues in Natural Resources, Washington (Seattle), 64-, mem. Marine Sci. Res. Cmt., 65-66, chmn. Water Resources Res. Group, 65-, mem. res. adv. cmt., Div. Marine Sci., 67-, chmn. joint sci. cmt., Wash. State Water Res. Center, Washington (Seattle) & Washington State, 66; mem. adv. cmt. fisheries res. Nat. Acad. Sci., 65-, rev. panel for sea grant proposals, 68-; Int. Cmn. of N.Atlantic Fisheries Working Group on Econ. & Biol. Assessment of Fishery Regulation in N.Atlantic, 66-67; Gov. Fishery Adv. Cmt., Wash., 66-, Gov. State Planning Adv. Coun., 67-; Nat. Cmn. Marine Sci. Eng., 68-69, 68-69. Participating econ. literary econ. lit. Econ. Asn., Rome, 56; tech. assistance expert, UN Food & Agr. Orgn., Uganda



- & Kenya, 57-58, group country proj, Argentina, Uruguay & Brazil, 60, tech. consult, Conf. on Costs & Earnings of Fishing Enterprises, London, 58, dir, Training Center in Fishery Surv. & Develop. Planning, 59, participant, Conf. Fishery Regulation, Montreal, 61, World Tuna Conf., Calif., 62, participant, & tech. adv. Conf. Bus. Decisions, Rome, 64, chief mission, UN Spec. Fund Mission to Ghana, 64 & Spec. Fund to Nigeria, 65; participant, Fed. Reserve Seminar, Calif., 69; participant & rapporteur, Am. Assembly Regional Conf. Monetary Policy, 59; participant, Alaska Conf., AAAS, 59-60; del, Univ. Coun. Water Resources, 64-68; mem. Int. Oceanogr. Found., Econ. Assn. Natural resource economics, especially fisheries, water, air and environmental quality; industrial organization and policy. Publ: Co-auth, Economic aspects of the Pacific Halibut Fishery, Govt. Printing Off., 62, The Pacific Salmon Fishery: a study of irrational conservation, Johns Hopkins, 69 & Benefit cost analysis and the time profile of benefits and costs, Water Resources Res., 4/68. Address: Dept. of Economics, University of Washington, Seattle, Wash. 98105.
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- CUÉVAS-SOSA, DR. ALEJANDRO.** Human & Medical Genetics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- CULBERTSON, PROF. FRANCES M.** b. Boston, Mass. Jan. 31, 21; m. 47; c. 4. **CLINICAL & SOCIAL PSYCHOLOGY.** B.S., Michigan, 47, M.S., 49, Ph.D. (psychol.), 55. Res. psychologist, Children's Hosp., 57; Cent. Wis. Colony & Training Sch., 58-59; Univ. Wisconsin & State of Wis. fel. clin. psychol., 59-62; clin. psychologist, Wis. Diag. Center, 62-65; acting chief clin. psychol., 65-68; Univ. Wisconsin, 65-66; res. psychologist w/ Dr. M. Singer, Berkeley, Calif., 66-67; sch. psychologist, bd. ed., Madison, Wis., 67-68. **PROF. PSYCHOL., WIS. STATE, WHITEWATER,** 68- Consult & sch. psychologist, campus sch., Wis. State, Whitewater, 68- Psychol. Asn.; Soc. Psychol. Study Social Issues. Psychodrama; visual-motor disorders; group therapy with children; twins, social and psychological characteristics. Publ: Modification of an emotionally-held attitude through role playing, J. Abnorm. & Soc. Psychiat., 3/57; Chap. 19, In: The adolescent, a book of readings, Holt, 60; Comparison of the Bender-Gestalt test and frostie test in several clinical groups of children, J. Clin. Psychol., 10/66. Address: Dept. of Psychology, Wisconsin State University, Whitewater, Wis. 53190.
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- CULLEY, PROF. JACK (FREDERICK).** Industrial Relations. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. spec. prog. bus. Colo. State, 68- Address: 4960 Hogan Dr., Ft. Collins, Colo. 80521.
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- CUMMINGS, DR. RALPH W., JR.** b. Ithaca, N.Y., July 20, 38; m. 61; c. 2. **ECONOMICS.** A.B., North Carolina, Chapel Hill, 60; Nat. Defense Ed. Act fel., Ford Found. & univ. grants, Michigan, 60-63, Ph.D. (econ.), 65; Fulbright fel., Delhi, 63-64. Asst. prof. econ. Illinois, 65-67; asst. dir., Midwest Univ. for Int. Activities, 66-67; dir. chief. agr. econ. Agency Int. Develop., India, 67-69; asst. prof. econ. Illinois, Urbana, 69-70. MEM. HARVARD ADV. GROUP, INDONESIA, 70- Consult, Agency Int. Develop., 70- Am. Econ. Asn.; Am. Agr. Econ. Asn.; Indian Soc. Agr. Econ. Analysis of long range agricultural adjustments in India. Publ: Pricing efficiency in the Indian wheat market, Impex India, 67; New agricultural structure revisited, Econ. & Polit. Weekly, 68; Buffer stocks; In: Seminar on foodgrains buffer stocks in India, Indian Soc. Agr. Econ. 69. Address: C/O The Ford Foundation, P.O. Box 2030, Djakarta, Indonesia.
- CUMMINGS, PROF. RICHARD MARSHALL.** Law, Politics. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
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- CUNNINGHAM, DR. GROVER BENNETT, JR.** b. Big Spring, Tex. Nov. 27, 24; m. 69; c. 2. **RESEARCH PSYCHOLOGY, LAW.** B.S., Texas, 50, M.A., D. (ed. psychol.), 66. Partner, Cunningham & Cunningham, 50-63; counseling psychologist, Child & Family Serv. Agency, 65-66; res. psychologist & assoc. dir., Child Development Eval. & Res. Center, 66-69; PRES. EVAL. RES. ASSOCS., 69- Pres. Ed. Eval. Res. Assocs., 68- Sig. C. U.S.A.A.F., 43-45. Psychol. Asn.; Ed. Res. Asn.; Nat. Coun. Family Rel.; Bar Asn. All inter-relationships of the individual and society—education, law, family, religion and counseling. Address: 610 Park Blvd., Austin, Tex. 78751.
- CUNNINGHAM, PROF. ROBERT L.** Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
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- CURRAN, CHARLES D(ANIEL).** Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Progr. mpr. planning the comprehensive development of Vistula River, Warsaw, Poland, UN Develop. Prog., 68- Address: American Consulate General (Warsaw), APO New York 09757.
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- CURRY, DR. ROBERT RODNEY.** Geomorphology, Ecology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- CURRY, PROF. ROY WATSON.** History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- CURTIN, DR. MARY ELLEN, b. Carthage, Ill. Feb. 6, 22; m. 46; c. 2. PSYCHOLOGY.** B.S., Kentucky, 56, M.S., 59, summer, Nat. Sci. Found. fel., 59, Ph.D. (psychol.), 65. Asst. prof. psychol., Eastern Kentucky, 65-68; CLIN.

- RES. PSYCHOLOGIST, VET. ADMIN. HOSP, LEXINGTON, KY, 68- Nurse C, U.S.A. 45-46, 2nd Lt. Psychol. Asn. Learning; choice making for personal preferences; alcoholism. Publ: Co-auth, Interference effects with schizophrenic subjects in acquisition and retention of verbal material, J. Abnormal & Soc. Psychol, 61, A visual illusion in lengths of words: a firends more than a friend, Psychol. Reports, 65 & Appraisal of a milieu environment by treatment team and patients, J. Clin. Psychol, (in press). Address: Psychology Service, Veterans Administration Hospital, Lexington, Ky. 40507.
- CURTIS, PROF. JOHN M, B. Franklinville, N.C. Aug. 1, 23; m. 48; c. 3. AGRICULTURAL ECONOMICS, ECONOMICS. B.S. N.C. State, 47, M.S. 50; Ph.D.(agr. econ), Maryland, 60. Assoc. prof. AGR. ECON, Va. Polytech, 50-51; N.C. State, 51-55, prof, 55-61; PROF. & HEAD DEPT, MARYLAND, 61- Lectr, Orgn. Econ. pop. & Develop. Paris, France, 64; sr. scholar, East West Center, Hawaii, 67-68; Consult, Lyon Assoc, 69- U.S.A., 40-46, Res. 46-, Lt. Col. AAAS; Am. Econ. Asn; Int. Asn. Agr. Econ. Agricultural marketing; agribusiness management. Address: 4613 Clemson Rd, College Park, Md. 20740
- CURTIS, DR. RUSSELL L, B. Elkins, W.Va, Mar. 6, 38; m. 62; c. 2. SOCIAL PSYCHOLOGY, SOCIOLOGY. B.A., West Virginia, 60; M.A., Kent State, 62; univ. fel. & Howard W. Odum award, North Carolina, 67-68, Nat. Sci. Found. summer award & Ph.D.(sociol), 68. ASST. DEAN men & dir. men's halls, Kent State, 63-65; ASST. PROF. SOCIOL, TEXAS, AUSTIN, 68- Social. Asn. Student socialization in public schools; adolescent valuations of parents as a function of connection to peers; parental restrictiveness and permissiveness and child behavioral disorders; birth order and mental stability; a study of the audience effect and induced dominant responses; theoretical conceptualizations of alienation. Address: Dept. of Sociology, University of Texas at Austin, Austin, Tex. 78712.
- CURTIS, DR. THOMAS D, B. Marion, Ind. June 14, 35; m. 59; c. 2. ECONOMICS, HISTORY. B.S. Ball State, 57, M.A. 59; Ph.D.(econ), Indiana, 65. Asst. prof. ECON, Arizona, 64-67; ASSOC. PROF. OKLAHOMA, 67- Relationship between inflation, economic growth and development in the less developed nations of the world. Publ: Land reform, democracy and economic interests in Puerto Rico, Univ. Arizona, 66; Employment and land reform in a labor-surplus economy, J. Land Econ, 67; co-auth, Inflation and economic development, Quart. Rev. Econ. & Bus, 68. Address: Dept. of Economics, University of Oklahoma, Norman, Okla. 73069.
- CURTIS, PROF. WILLIAM HENRY, B. Philadelphia, Pa. June 25, 39. PSYCHOLOGY, SOCIOLOGY. B.A. Mt. St. Mary's Col.(Md), 61; S.T.B., St. Mary's (Md), 63; M.Ed. Loyola (Md), 64; Catholic Univ. 64-66. Guidance counsr. & counsr, Catholic Univ. 64-66; instr. PSYCHOL. & SOCIOL, Community Col. Phila, 66-67; ASST. PROF. CAMDEN COUNTY COL, 67- Adj. prof, grad. sch. Pa. State, 69; instr, Georgetown, summer 65. Mem. Int. Sci. Cmn. Family, 69. Social. Asn; Psychol. Asn. Behavioral problems in marriage and family relations; problems relating to teaching and counseling the community college student. Publ: The self-fulfilling prophesy: its implications for community college teaching, N.Y. County Col. J, 11/69. Address: 1011 Dyre St, Philadelphia, Pa. 19124.
- CURTIS, DR. WILLIAM R. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Regional manpower administration, 69-, U.S. Dept. Labor, P.O. Box 8796, Philadelphia, Pa. 19101.
- CURWOOD, DR. SARAH THOMAS. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Chmn. dept. psychol, Knoxville Col, Tenn, 69-June 70. Address: R.F.D. 1, Box 38, East Barrington, N.H. 03825.
- CUSHMAN, DR. ROBERT F(AIRCHILD). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, N.Y. Univ, 69- Address: 27 Bennett Ave, Huntington Station, N.Y. 11746.
- CUSKEY, DR. WALTER RAYMOND, B. Boston, Mass, Sept. 1, 34; m. 61; c. 3. SOCIOLOGY, SOCIAL WELFARE. A.B. Boston Col, 61, M.S.W. 63; Ph.D., Brandeis, 68. Training supvr. community develop, Peace Corps Training Prog, 63; staff asst. health res. Nat. Cmn. Community Health Serv, Inc, 63-65; dir. res, Worcester State Hosp. Inst. Human Sci, 65-67; instr. COMMUNITY MED, Temple, 68; ASSOC. PENNSYLVANIA, 69- Res. assoc, Narcotic Rehab. Prog, West Phila. Ment. Health Consortium, 69- U.S.A. F, 63-57. Pub. Health Asn; Nat. Asn. Soc. Workers. Planning the delivery of medical care services on an area-wide basis. Publ: Mexican-American opiate addicts, In: The epidemiology of opiate narcotic addiction in the United States, C.C. Thomas, 60; co-auth, A rationale for comprehensive health care, Phila. Med, 2/70 & Predicting attrition during the outpatient detoxification of narcotic addicts, Med. Care, (in press). Address: 4219 Chester Ave, Philadelphia, Pa. 19104.
- CUTHBERTSON, DR. GILBERT MORRIS. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Political Science, Rice University, Houston, Tex. 77001.
- CUTLER, DR. RHODA, B. New York, N.Y. PSYCHOLOGY. A.B. Hunter Col, 47; A.M. N.Y. Univ, 49, Ph.D.(rehab. psychol), 67. Consult. psychologist, N.Y. Asn. New Americans, 48-60; psychol. intern, N.Y. Univ. Med. Center, 60-61, instr. psychiat, 61-66, assoc. prof, 61-66, sch. ed. N.Y. Univ, 66-68; CHIEF RES. PSYCHOLOGIST, N.Y. MED. COL, 66- Psychol. consult, part-time, Bur. Child Welfare, 65-68; psychotherapist, Ment. Health Consult. Center, 68. Psychol. Asn. Child development especially the premature and disadvantaged child; drug addiction. Publ: Co-auth, Development of lower-class premature children born in and out of wedlock, J. Soc. Work, 64, Deviant behavior in 2 1/2 year old premature children, Child Develop, 64 & The effects of prenatal and neonatal complications on the development of premature children at age 2 1/2 years, J. Genetic Psychol, 65. Address: 230 E. 88th St, New York, N.Y. 10028.
- CUTLER, DR. RICHARD OSCAR, B. Delavan, Ill, Mar. 8, 30; m. 56; c. 4. GEOGRAPHY. B.A. Fla. State, 55; M.A., Michigan, 57; Ph.D.(geog), Florida, 65. Instr. phys. sci, Florida, 57-62; asst. prof. GEOG, Indiana State, 62-66; assoc. prof. Adams State Col, 66-70; ASSOC. PROF. & CHMN. DEPT, STATE UNIV. N.Y. COL. OSWEGO, 70- U.S.A. 50-53. Asn. Am. Geog; Am. Geog. Soc; Nat. Coun. Geog. Ed. Recreational potential of northeast Florida, especially outdoor recreation and tourism; geography of the San Luis Valley, Colorado, especially outdoor recreation. Publ: The effects of Hurricane Dora on coastal house types, Rocky Mt. Soc. Sci, 1, 68. Address: Dept. of Geography, State University of New York College at Oswego, Oswego, N.Y. 13126.
- CUTRIGHT, DR. PHILLIPS. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Sr. res. assoc, joint center urban studies, Mass. Inst. Tech-Harvard, 69- Address: 66 Church St, Cambridge, Mass. 02138.
- CUTSUMBIS, DR. MICHAEL NICHOLAS. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-, Dept. of Sociology, Marietta College, Marietta, Ohio 45750.
- CUYKENDALL, DR. CHARLES H, B. Auburn, N.Y. Aug. 28, 40; m. 68. FARM MANAGEMENT, AGRONOMY. B.S. Cornell, 62; M.S. Minnesota, St. Paul, 65. Ph.D.(agron), 67. Agr. engr, Cornell, 60-62; res. asst. agron, MINNESOTA, ST. PAUL, 62-65, EXTEN. ECONOMIST, 67- Agr. Econ. Asn. Soc. Agron. Farm management; forage and field crop production. Publ: Co-auth, Performance of berseem clover (trifolium alexandrinum L) as a companion crop, 65 & Defoliation by sheep-grazing versus mower-clipping for evaluation of pasture, 68, Agron. J. Address: Dept. of Agricultural Economics, University of Minnesota, St. Paul, Minn. 55101.
- CYMBALISTY, DR. BOHDAN YAROSLAV. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. prtnl. serv, 68-, State Home for Boys, Jamesburg, N.J. 08831.
- CZECH, DR. ROBERT STEPHEN. Experimental Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Health scientist adminstr, Nat. Inst. Ment. Health, Chevy Chase, 68- Address: 12529 Montclair Dr, Silver Spring, Md. 20904.

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- DABBS, DR. JAMES MCBRIDE, JR. Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 70-, Dept. of Psychology, Georgia State University, Atlanta, Ga. 30303.
- DACHOWSKI, DR. MARJORIE MCCORMICK, B. Chicago, Ill, Sept. 26, 32; m. 60; c. 3. PSYCHOLOGY. B.A. Illinois, 54, M.A. 56, U.S. Pub. Health Serv. fcls, 55-58, Ph.D.(clin. psychol), 62. Counsr, Illinois, 62-63; psychol. assist, Charity Hosp. Sch. Nursing, New Orleans, 63-64; asst. prof. PSYCHOL, DILLARD, 64-65, ASSOC. PROF, 65- Psychol. consult, Charity Hosp. Sch. Nursing, New Orleans, 64- Psychol. Asn. Counseling young adults; sex role identification; use of psychological tests in diagnostic evaluation of psychological problems. Address: 366 Millandon St, New Orleans, La. 70118.
- DAEHLER, DR. MARVIN W, B. Freeport, Ill, Aug. 13, 42; m. 65; c. 1. PSYCHOLOGY, A.B. Illinois, 64; Nat. Inst. Ment. Health trainee, Minnesota, 64-68, M.A. 66, Ph.D.(child psychol), 68. ASST. PROF. PSYCHOL, MASSACHUSETTS, 68- Psychol. Asn; Soc. Res. Child Develop. Developmental psychol; cognitive development; attentional and mediational mechanisms in children. Publ: Co-auth, Verbal and nonverbal rehearsal in children's recall, 69 & auth, Children's manipulation of illusory and ambiguous stimuli, discriminative performance and implications for development, 70, Child Develop. Address: Dept. of Psychology, University of Massachusetts, Amherst, Mass. 01002.
- DAFASHY, DR. WAGH G, B. Samalout, Egypt, June 4, 39; m. 68. BUSINESS ADMINISTRATION. B.C. Ain Shams, Cairo, 59, M.B.A. Texas, 62, Ph.D. (acct. quant. methods), Arkansas, 66. Auditor, Acct. Dept. Egypt, 60; asst. prof. BUS. ADMIN. COL. WILLIAM & MARY, 65-69, ASSOC. PROF, 69- CHMN. DEPT. MGT, 68- Lectr, George Washington, 68-68; U.S. Army Qm. Sch, Ft. Lee, Va, 67-68. Accounting aspects of business combinations; entity theory of business enterprise; operations research techniques as applied to accounting. Address: 802 Conway Drive, Williamsburg, Va. 23185.
- DAGENAIS, DR. JAMES JOSEPH. Philosophy, Religion. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- DAGENAIS, PROF. PIERRE. Geography. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Faculty of Science & Education, University of Montreal, 90 Bellingham St, Montreal, Que. Can.
- DAGER, PROF. EDWARD Z(ICCAs). Sociology, Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 70-, Dept. of Sociology, University of Maryland, College Park, Md. 20742.
- D'AGOSTINO, DR. RALPH B. Mathematical & Experimental Statistics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- DAHLE, PROF. THOMAS L. Adult Education, Communication. See 5th ed, Dir. Am. Scholars, Vol. II, Eng, Speech & Drama.
- DAI, PROF. BINGHAM. Psychiatry, Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. prof, 69-, Dept. of Psychiatry & Psychology, Duke University School of Medicine, Durham, N.C. 27706.
- DALE, PROF. GILBERT R, B. Navaho, Okla, Mar. 8, 93; m. 66; c. 3. POLITICAL SCIENCE, EDUCATION. B.A. Southwest, Inst. Tech, 25; M.A. Arkansas, Fayetteville, 36; M.Ed. Missouri-Columbia, 43, D.Ed. 48, M.A. Columbia, 44. Supt. schs, Putnam, Okla, 22-23; head football coach & athletic dir, pub. schs, Okla. 23-26; high sch. prin. & div. supt. schs, Philip-



- pine Islands, 26-29; adv. to inspector schs, Siamese Govt, Bangkok, 29-33; head soc. studies dept, pub. schs, Mo, 34-39; pres. Col. West Africa, Monrovia, Liberia, 39-42; acting dir. admissions, Missouri-Columbia, 45-46; chmn. div. soc. studies, Adams State Col., 46-58; mem. staff, Young Men's Christian Assn, Pueblo, Colo., 58-60; prof. ed., Benedict Col., 60-63; prof. polit. sci. & asst. to pres, Evansville Col.(Mo), 63-64; VTS, PROF. HIST. & POLIT. SCI. & ED. & PSYCHOL, CUMBERLAND COL.(KY), 64- Lectr. Atomic Energy Installation, Los Alamos, N.Mex, 54; Evangel Col., 63-64; acad. coordinator, legis. intern prog, Ky. State Govt, 70-71. Mem. State Bd. Ed, Colo, 55-57. Meritorious Award, Siamese King, 29-33; citation for distinguished serv. to ed, Colo. State Bd. Ed. & Parent Teacher Assn, 55. U.S.N, 18-22, Res. 22-25, 36-55, Lt. Comdr. Soc. Int. Law, Polit. Sci. Assn, Acad. Polit. Sci. International law and administration; state and local government; American national government; history of education. Publ: The odyssey of an American teacher, Am. Press, (in press); Education among primitive West African tribes, 5/50 & Religion and medicine among primitive West African tribes, 6/52, Colo-Wyo. Acad. Sci. Soc. Sci. J. Address: Dept. of Political Science, Cumberland College, Williamsburg, Ky. 40769.
- DALE, DR. LEON A(NDREW). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. bus. mgt, Calif. State Polytech. Col., Pomona, 69- Address: 12152 Adrian St, Garden Grove, Calif. 92640.
- DALE, DR. MARTHA ERICSON. Clinical Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Consultant, East Upper Peninsula Ment. Health Clin, 69- Address: Box 9, Newberry, Mich. 49868.
- DALE, DR. PHILIP S. b. Indianapolis, Ind, Feb. 15, 43; m. 65. PSYCHOLOGY, LINGUISTICS. B.S. Chicgo, 63; M.A. Michigan, 65; M.S., Ph.D. Commun. sci., 68. Lectr. prog. psycholing. & dept. psychol, WASHINGTON (SEATTLE), 67-68, ASST. PROF. PSYCHOL. & LING, 68- Psychol. Assn; Soc. Res. Child Develop; Ling. Soc. Am. Language development; psycholinguistics; cognitive development. Publ: Co-auth, Models for prisoner's dilemma, J. Math. Psychol, 7/66; auth, Color naming, matching and recognition by preschoolers, Child Develop, 12/69; Early language acquisition, In: Encyclopedia of education, Macmillan, (in press). Address: Developmental Psychology Lab, University of Washington, Seattle, Wash. 98105.
- DALES, DR. GEORGE FRANKLIN. South Asian & Near Eastern Archaeology. See 5th ed. Dir. Am. Scholars, Vol. 1. Hist.
- D'ALESSIO, DR. JUAN CARLOS. Philosophy. See 5th ed. Dir. Am. Scholars, Vol. IV. Philos. Relig. & Law.
- DALGLEISH, DR. DONALD DOUGLAS, b. Kamloops, B.C., May 1, 30; U.S. citizen; m. 58; c. 2. POLITICAL SCIENCE, FOREIGN POLICY. B.A., Carleton Col., 52; M.A. Columbia, 54; Ph.D.(polit. sci.), Colorado, 63. Estate-planner, Am. Underwriters, Inc, 58; ins. inspector, Retail Credit Corp, summer 58; part-time instr. Am. govt, Colorado, 59-62; asst. prof. COMP. GOVT, Arizona State, 62-66; vis. asst. prof, Colorado, 66-67; ASST. PROF., ARIZONA STATE, 67- Fulbright fel. polit. sci, Munich, 60-61. Intel. C, U.S.A. 54-57. Polit. Sci. Assn. Adv. Slavic studies; comparative government; West German political radicalism; East German totalitarian government; Soviet psychological warfare. Publ: Co-auth, Slavery, autonomy & biography, In: The handbook of historical concepts, Philos. Library, 67; auth, The German democratic government, In: The changing face of communism in Eastern Europe, Arizona State Univ, 70. Address: Dept. of Political Science, Arizona State University, Tempe, Ariz. 85281.
- DALL, DR. JOHN JOSEPH, JR, b. Perth Amboy, N.J., Oct. 4, 34; m. 58; c. 2. ECONOMICS, ECONOMIC HISTORY. B.S. Seton Hall, 59, M.A. 62, M.A. 63; Ph.D.(econ. hist), Pennsylvania, 68. Asst. prof. ECON, La Salle Col, 63-69; ASSOC. PROF., SETON HALL, 69- U.S.A. 52-55. Asia Soc; Econ. Hist. Assn. Computerization of the Japanese address system; Japanese agricultural development. Publ: Editor's manual for the Japanese address system, Triangle Pub, 65. Address: 19 Merker Dr, Edison, N.J. 08817.
- DALTON, PROF. ROBERT H(ATCHER). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Division of Mental Health, St. Thomas, V.I. 00801.
- DALY, PROF. DONALD JAMES. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. 69-, Faculty of Administrative Studies, York University, 3700 Keele St, Downsview, Ont, Can.
- DALY, DR. HERMAN E. b. Houston, Tex, July 21, 38; m. 63; c. 2. ECONOMICS. B.A. Rice, 60; Ph.D.(econ), Vanderbilt, 67. Instr. ECON, Vanderbilt, 64; asst. prof. La. State, 64-67; Ford Found. vis. prof, Ceara, 67-68; ASSOC. PROF., LA. STATE, BATON ROUGE, 68- Res. assoc, Yale, 69-70. Econ. Assn. Economic development; population, Latin America. Publ: A brief analysis of Uruguayan trade control, 6/7 & Population question in northeast Brazil, 7/70, Econ. Develop. & Cultural Change; On Economics as a life science, J. Polit. Econ, 7/68. Address: Dept. of Economics, Louisiana State University, Baton Rouge, La. 70803.
- DAMARIN, DR. FRED L(OUTS), JR. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-, Dept. of Psychology, University of Delaware, Wolf Hall, Newark, Del. 19711.
- DAMAS, DR. DAVID JOHN. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-, Dept. of Sociology & Anthropology, McMaster University, Hamilton, Ont, Can.
- D'AMATO, DR. ANTHONY A. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 70-, Law School, Northwestern University, Chicago, Ill. 60611.
- DAMBAUGH, DR. LUELLA N. Geography. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: University of Miami, 309-2 Merrick Bldg, Coral Gables, Fla. 33124.
- DAMM, DR. VERNON JOHN, b. Toledo, Ohio, Aug. 29, 23; m. 52; c. 5. EDUCATIONAL PSYCHOLOGY, HUMAN RELATIONS. B.A., Houghton Col, 52; M.A., Bowling Green State, 54; Ed.D.(ed. psychol), Oregon, 67. Spec. class teacher, Pub. Sch. Syst, Camden, N.J. 52-53; assoc. prof. psychol, Oregon State, 56-58; DIR. CURRICULUM DEVELOP., SCH. NURSING, PORTLAND, 68- Lectr. Alberta, 60. U.S.N, 43-46. Psychol. Assn. Ed. Res. Assn; Nat. Coun. Measurement in Ed. Personality assessment; curriculum development and assessment. Publ: Co-auth, Relationship of the personal orientation inventory to the Edwards Personal Preference Schedule, Psychol. Reports, 69; auth, Overall measures of self-actualization derived from the Personal Orientation Inventory, Ed. & Psychology, Measurement, 69 & Creativity and intelligence: research implications for equal emphasis in high school, Except. Children, 70. Address: Curriculum Project, University of Portland School of Nursing, 5000 N. Willamette Blvd, Portland, Ore. 97203.
- DANA, PROF. RICHARD H(ENRY). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. 69-, Dept. of Psychology, University of Arkansas, Fayetteville, Ark. 72701.
- D'ANDREA, DR. THOMAS JAMES. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Fel, 69-, Center for Research in Human Learning, University of Minnesota, 400 Ford Hall, Minneapolis, Minn. 55455.
- DANELLIS, DR. CONSTANTINE, b. Athens, Greece, Apr. 5, 36; m. 60; c. 2. BUSINESS FINANCE, ECONOMICS. B.Sc. Ohio State, 59, M.B.A. 61, Ph.D. (finance), 65. Instr. BUS, Ohio State, 63-64; asst. prof. Sacramento State Col, 64-66, Santa Clara, 66-67; SAN JOSE STATE COL, 67-68, ASSOC. PROF., 69- Participates in annual forums on financial management, 68. Econ. Assn; Finance Assn. Business finance and economics; credit. Publ: The development of financial management literature, J. Finance, 3/67; co-auth, The finance function in small business firms, J. Small Bus. Mgt, 4/87. Address: School of Business, San Jose State College, San Jose, Calif. 95114.
- DANGERFIELD, DR. ROYDEN. Political Science. See 11th ed, Soc. & Behav. Vols, deceased 69.
- DANIEL, DR. KATHRYN BARCHARD. Educational Psychology, Counseling. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. ed. psychol, South Carolina, 69- Address: 301 N. Stonehedge Dr, Columbia, S.C. 29210.
- DANIEL, DR. LARK. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir. & gen. mgt, 69-, Hawaii ETV Network, 1776 University Ave, University of Hawaii, Honolulu, Hawaii 96822.
- DANIELIAN, DR. JACK. Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Asst. prof. Southampton Col, 68- Address: 94 Cross St, Methuen, Mass. 01844.
- DANIELS, DR. MARK R, b. Vancouver, B.C. June 15, 38; m. 64; c. 1. ECONOMICS. B.Com. British Columbia, 61; Ph.D.(econ), Hopkins, 66. ASST. PROF., ECON, McGill, 65-66; BROWN, 66- Econ. Assn. Microeconomic theory; international trade and urban economics. Publ: Differences in efficiency among industries in developing countries, Am. Econ. Rev, 3/69. Address: Dept. of Economics, Brown University, Brown Station, Providence, R.I. 02912.
- DANIELSON, DR. JOHN T(ALMADGE), b. Warwick, R.I., Aug. 9, 42; m. 64; c. 2. EXPERIMENTAL PSYCHOLOGY. B.S., Rensselaer Polytech. Inst, 64; Nat. Sci. Found. fel. & Sc.M. Brown, 66, U.S. Pub. Health Serv. fel. & Ph.D. (psychol), 69. ASST. PROF. PSYCHOL, MASSACHUSETTS, 68- AAAS. Sensory psychology; visual electrophysiology; correlation of behavior with electrophysiological data. Publ: Increment sensitivity of the eye of Limulus, Vision Res, 70. Address: Dept. of Psychology, University of Massachusetts, Amherst, Mass. 01002.
- DANIELSON, DEAN WAYNE ALLEN. Journalism, Communication. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dean, 69-, School of Communication, University of Texas, Austin, Tex. 78712.
- DANKS, DR. JOSEPH H, b. Effingham, Ill, Oct. 8, 43; m. 65. PSYCHOLOGY, PSYCHOLINGUISTICS. B.A. DePauw, 65; U.S. Pub. Health Serv-Nat. Inst. Ment. Health fel, Princeton, 66-68, Ph.D.(psychol), 68. ASST. PROF. PSYCHOL, KENT STATE, 68-, res. fel, summer 69. AAAS; Ling. Soc. Am. Problem solving: memory; cognitive development. Publ: Grammaticalness and meaningfulness in the comprehension of sentences, J. Verbal Learning & Verbal Behav, 69; co-auth, Grammatical structure and recall: a function of the space in immediate memory or of recall delay?, Perception & Psychophysics, 69 & Psychological scaling of linguistic properties, Lang. & Speech, 70. Address: Dept. of Psychology, Kent State University, Kent, Ohio 44240.
- DANOFF, DR. MALCOLM N, b. Ottawa, Ont, June 2, 33; U.S. citizen; m. 65; c. 1. PSYCHOLOGY. B.A., Vanderbilt, 55, M.A. 56; Ph.D.(psychol), Purdue, 62. State psychologist, Tenn. Dept. Spec. Ed., ind. psychol. trainee, Vet. Admin. Hosp, 59-62; staff scientist, Hometrics div, Tholok Sci. Corp 62-64; res. assoc. human factors, Planning Res. Corp, 64-67; SR. RES. SCIENTIST, AM. INSTS. FOR RES, 67- U.S.A. 57-59, 1st Lt. Psychol. Asn. Systems analysis; performance appraisal; training research. Publ: Proficiency flying program: pilot performance analysis, Planning Res. Corp, 68; Study of the Staff Commander Submarine Force Pacific Fleet, Vol. II, In: Automatic data processing support recommendations, Planning Res. Corp, 68; co-auth, Design for a cooperative longitudinal study of exemplary school systems, Am. Insts. Res, 69. Address: American Institutes for Research, P.O. Box 1113, Palo Alto, Calif. 94302.
- DANSEREAU, PROF. H. KIRK, b. Baltimore, Md, Sept. 22, 21; m. 49; c. 2. SOCIOLOGY. B.S. Maryland, 43; M.A., West Virginia, 48; Ph.D.(sociol. labor econ), Mich. State, 56. Asst. prof. soc. sci, Presby. Jr. Col, 49-50; Instr. sociol, Mich. State Col, 52-53; from asst. prof. to assoc. prof., Mississippi, 53-57; from asst. prof. to assoc. prof., Pa. State, 57-69; PROF.

- SOCIOLOG. & ANTHROPO. WESTERN KENTUCKY, 69. Welfare Admin. res. grant, 64-65; Fulbright lectr, Middle East Tech, Ankara, 65-66. Mem. comt. indirect effects of hwy. improv. Hwy. Res. Bd-Nat. Acad. Eng, 64-67, socioecon. aspects of hwy, 67-70. A.U.S. 43-46, S/Sgt. Sociol. Assn. Impact of highway development on the community; community involvement of organized labor; sociology of work; industry-community relations; curricular and research interest in manpower development and training. Publ. Work and the teenager, *Annals*, 61; Work and the teen-age blue-collarite, *Int. Blue collar work*, Prentice-Hall, 64; Highway development: attitudes and economic climate, *Int. Transportation impacts and attitude surveys*, Nat. Res. Coun, Hwy. Res. Bd, 67. Address: Dept. of Sociology & Anthropology, Grise Hall, Western Kentucky University, Bowling Green, Ky. 42101.
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- DAWE, PROF. HELEN (CLEVELAND). Child Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 104 Preschool Lab, University of Wisconsin, Madison, Wis. 53706.
- DAWSON, DR. J(OHN) PHILIP. Modern European History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- DAWSON, DR. MICHAEL E(DWARD). b. Chicago, Ill, Mar. 31, 40; m. 62. EXPERIMENTAL PSYCHOLOGY. B.S. Arizona State, 62; M.A. Southern California, 66, Ph.D.(psychol), 67. ASST. PROF. PSYCHOL. CALIF. STATE COL., LOS ANGELES, 67. Res. psychologist, Gateways Psychiatric Hosp., 68- Soc. Psychol. Clin. Res. Human abilities and classical conditioning, and its relationship to cognitive variables. Address: 6277 Wavrene, Los Angeles, Calif. 90028.
- DAWSON, DR. PAUL A. b. Utica, Mich, Dec. 30, 41; m. 63; c. 2. POLITICAL SCIENCE. B.A. Ohio State, 64, M.A., 65, Ph.D.(polit. sci), 69. ASST. PROF. GOVT., OBERLIN COL., 69- Polit. Sci. Assn. Political behavior; decision-making; models of attitude structure and role in analysis of decision-making processes. Address: Dept. of Government, Rice Hall, Oberlin College, Oberlin, Ohio 44074.
- DAWSON, DR. RICHARD EVANS, b. Columbus, Ohio, Mar. 2, 39; m. 65; c. 1. POLITICAL SCIENCE. B.A. Ohio Wesleyan, 60; Ph.D.(polit. sci), Northwestern, 63. Asst. prof. POLIT. SCI., WASHINGTON (ST. LOUIS), 63-66, ASSOC. PROF., 66- Ford Found. faculty res. fel., 68-69. Polit. Sci. Assn. Analysis of state policy outputs; political socialization; structural distribution of political opinions. Publ: Co-auth. Political socialization, Little, 69, Inter-party competition, economic variables and welfare policies in the American states, *J. Polit.*, 63 & Social development, party competition, and policy, In: *The American party systems*, Oxford, 67. Address: Dept. of Political Science, Washington University, St. Louis, Mo. 63130.
- DAY, DR. DANIEL D(ROBA). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Practicing psychologist, 69- Address: P.O. Box 7, Washington, D.C. 20044.
- DAY, DR. ERNEST EDWARD DOUGLAS. Geography. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Economist & Statistician, 69-, Regional Development Group, Economic Development Division, Dept. of Finance, Confederation Bldg., Ottawa 2, Ont., Can.
- DAY, DR. HY(ME) (IRWIN), b. Poland, Apr. 12, 25; Can. citizen; m. 47; c. 3. PSYCHOLOGY, EDUCATION. B.A., Toronto, 59, M.A., 62, Ph.D.(psychol), 65. Voc. couns., Jewish Voc. Serv., Toronto, 57-61, dir. rehab. serv., 61-63, res. psychologist, Lakeshore Psychiat. Hosp., Toronto, 63-65, chief psychologist, 65-66; ASSOC. PROF. PSYCHOL., ONT. INST. STUDIES ED., 66- Ont. Ment. Health res. grant, 67-70; Can. Manpower & Immigration res. grant, 68-69. Consult., Lakeshore Psychiat. Hosp., 66- Am. Psychol. Assn; Can. Psychol. Assn. Intrinsic motivation, especially as applied to personality and educational problems; developer of the Ontario test of intrinsic motivation. Publ: Role of specific curiosity in school achievement, *J. Ed. Psychol.*, 68; Some determinants of lookingtime under different instructional sets, *Perception & Psychophysics*, 68; A curious approach to creativity, *Can. Psychologist*, 68. Address: 44 Celt Ave., Toronto, Ont., Can.
- DAY, DR. SHERMAN R., b. Murray, Utah, Jan. 16, 38; m. 60; c. 2. COUNSELLING PSYCHOLOGY. B.S., Brigham Young, 62; fel. & M.Ed., Illinois, 65; Ed.D.(counseling psychol), Georgia, 67. Asst. prof. couns. ed., GA. STATE, 67-69, ASSOC. PROF. COUNS. ED. & CHMN. DEPT. COUNSELLING & ED. PSYCHOL., 69- Consult., Southeast. Civil Serv. Cmn. & Bur. Prisons, U.S. Dept. Justice, 68- Group dynamics. Publ: Occupational influence of high school students, *J. Voc. Guid.*, Quart., 65; co-auth. Activity group counselling in the schools, In: *Theories and methods of group counselling in the schools*, C.C. Thomas, 69; Facilitation training for correctional officers, *Am. J. Corrections*, 70. Address: Dept. of Counseling & Educational Psychology, Georgia State University, 33 Gilmer St., Atlanta, Ga. 30303.
- DEAN, DR. CHARLES. Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. cmnr. correction, 68-, Connecticut Dept. of Correction, 340 Capital Ave., Hartford, Conn. 06115.
- DEAN, PRENTICE (NORTHUP). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Retired. Address: 200 Otego St, Storm Lake, Iowa 50588.
- DEAN, PROF. RICHARD LAWRENCE, b. Wheeling, W.Va., Feb. 5, 26. POLITICAL SCIENCE, EXPERIMENTAL COMMUNICATION. B.A., Northwest State Col., 47; M.A., La. State, 49; Res. Found. fel., Purdue, 54-55, Ph.D. (commun. polit. sci), 55. Dir., U.S. Armed Forces Inst., Giessen, Germany, 51-53; staff assoc., indust. rels. div., Chrysler Corp., 55-57; assoc. prof. speech, Western Illinois, 57-60; chmn. dept. commun. arts, St. Joseph's Col., 60-64; PROF. POLIT. SCI. & SPEECH, WOODBURY COL., 64- Lectr., Detroit, 55-57; Western Illinois, 59-60; DePaul, 60-61; Ill. Inst. Tech., 61-63; Southern California, 64-65; res. fel., Chicago, 60-61. U.S.A., 51-53, 1st Lt.
- Speech Assn. Am; Polit. Sci. Assn. Experimental communication; political behavior of voting public; propaganda analysis. Publ: The conference method: panacea or paradox, *J. Am. Soc. Training Dir.*, 12/59; The folklore of American education, *Col. & Univ.*, winter 61. Address: 3780 Third St., Riverside, Calif. 92501.
- DEAN, PROF. SANFORD J. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. & chmn., 69-, Dept. of Psychology, Northern Illinois University, De Kalb, Ill. 60115.
- DEAN, PROF. WILLIAM GEORGE, b. Toronto, Ont, Nov. 29, 21; m. 48; c. 2. GEOGRAPHY, GEOMORPHOLOGY. B.A., Toronto, 49, fel., 49-50, M.A., 50; Carnegie Arctic fel., McGill, 50-52, Ph.D.(geog), 59. Demonstr. geog., Toronto, 47-49; geog., B.C. Dept. Lands, 52-53; asst. prof. GEOG., United Col. Winnipeg, 53-56; lectr., TORONTO, 56-58, asst. prof., 58-63, assoc. prof., 63-69, PROF., 69- U.S. Nat. Sci. Found. fel., Seattle, Wash., 63. Res. consult., Rand Corp., Calif., 53-57. Can. Army, 41-46, Capt. Can. Assn. Geog. (ed. Can. Geog., 60-67); Can. Assn. Univ. Teachers (exec. com., 68-70). Arctic Canada; Pleistocene geomorphology; geographical location, economic geography and cartography. Publ: Co-auth. Economic atlas of Ontario, Univ. Toronto, 69. Address: Dept. of Geography, University of Toronto, Toronto 181, Ont., Can.
- DEANS, DR. ROBERT H. b. Boston, Mass., May 28, 31; m. 66; c. 1. ECONOMICS. B.A., Massachusetts, 54; M.A., Pittsburg, 60, Ph.D.(econ), 66. Asst. prof. econ., Duquesne, 62-67; local currency officer, Agency Int. Develop., 67-68; ASST. PROF. ECON. & ASST. DIR. BUR. ECON. & BUS. RES., TEMPLE, 68- Ed. Econ. & Bus. Bull., Temple, 68-; mem. Agr. Develop. Coun., 66-67. U.S.A.F., 54-57, 1st Lt. Econ. Assn; Int. Econ. Assn. United States foreign aid programs in economic development; world income distribution and the cost burden of debt. Publ: Role of P.L. 480 program in Spanish economic development, 1955-65, Agr. Develop. Coun., 67; Potential effects of U.S. commodity grants to other countries, *Am. J. Agr. Econ.*, 11/68. Address: Temple University School of Business Administration, Philadelphia, Pa. 19122.
- DEATHERAGE, DR. BRUCE H(AMPTON). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Spec. res. assoc., 69-, Applied Research Labs, P.O. Box 8029, University Station, Austin, Tex. 78712.
- DEAUX, DR. KAY K. b. Warren, Ohio Nov. 4, 41. SOCIAL PSYCHOLOGY. B.A., Northwestern, 63; Ph.D.(soc. psychol), Texas, 67. ASST. PROF. PSYCHOL., Wright State, 67-69; PURDUE, 70- Psychol. Assn. Soc. Psychol. Study Soc. Issues. Attitude change; cross-cultural research. Address: Dept. of Psychology, Purdue University, Lafayette, Ind. 47907.
- DEBBINS, PROF. WILLIAM. Philosophy. See 5th ed, Dir. Am. Scholars. Vol. IV, Philos., Relig. & Law.
- de BEERS, DR. JOHN S(TERLING). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. econ. & soc. develop. div. Inter-Am. Develop. Bank, 70- Address: 5135 Newport Ave., Washington, D.C. 20016.
- DeBERRY, DR. CLYDE EDWARD, b. Highpoint, N.C., Apr. 8, 33; div. c. 4. EDUCATIONAL ADMINISTRATION. B.S., M.C. State Col., 57; M.A., Northern Arizona, 63; D.Ed.(ed. admin), Oregon, 67. Res. asst., inst. comp. exp. res. behav. sysys, Univ. Oregon, 63-69, dir. sch. desegregation training & res. center, 67-69; INSTR. COMMUNITY ORGN., CONTRA COSTA COL., SAN PABLO, 69-, DIR. EQUAL ED. OPPORTUNITY PROG., SEQUOIA UNION HIGH SCH. DIST., REDWOOD CITY, 70- Dir. behav. sci. res. Hunters Point-Bay View behav. sci. res. & eval. dept., San Francisco, 68-69; lectr. sch. community med. sch. med., California, San Francisco, 68-69; sch. pub. health, California, 69. U.S.A.F., 56-58. Acad. Soc. Sci; Psychol. Assn. Bacio-psychological research with regard to health and education problems with particular emphasis on low-income groups. Publ: Co-auth. School and race in Portland, *Integratd. Ed. Assocs.*, 4-5/65; auth. Black power and black population: a attitude change, *Oregonia Mag.*, fall 67; White America must support black power, *Ore. Daily Emerald*, 68; Address: 656 Wellington Dr., San Carlos, Calif. 94070.
- DE BLIJ, PROF. HARM JAN. Geography. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. & chmn., 69-, Dept. of Geography, University of Miami, Coral Gables, Fla. 33124.
- DEBONS, DR. ANTHONY. Experimental Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. info. sci., Pittsburgh, 70- Address: Interdisciplinary Doctoral Program in Information Science, University of Pittsburgh, Pittsburgh, Pa. 15238.
- De BURGER, DR. JAMES EDWARD. Sociology. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also chmn., 68-, Dept. of Sociology, University of Louisville, Belknap Campus, Louisville, Ky. 40208.
- DE CANDIDO, DR. NORMA. b. Park Ridge, N.J., Sept. 5, 34. POLITICAL SCIENCE. B.A., Rutgers, 55; Ph.D. Columbia, 69. Lectr. POLIT. SCI., CITY COL. NEW YORK, 63-69, ASSOC. PROF., 69- Polit. Sci. Assn. Soc. Pub. Admin. Technical assistance programs in public administration, especially those of United States government and United Nations in Latin America. Address: 52 Spring Valley Rd., Park Ridge, N.J. 07656.
- DE CARLO, DR. GUY RICHARD, b. Baltimore, Md., July 18, 39; m. 65; c. 3. ECONOMICS. B.A., Maryland, 62, Nat. Defense fel., 62-65, Ph.D.(econ), 66. Res. assoc. ECON. Md. tax study, 63-64; ASST. PROF., MARYLAND, 65-; GEORGE WASHINGTON, 67- Economist. Fed. Reserve Bd., 65-66; Int. Bus. Mach. Corp., 66- Econ. Assn; Economet. Soc. International economics; regional analysis; econometric modeling. Publ: Co-auth. A regional socio-economic model, Int. Bus. Mach. Corp., N.Y., 68 & The Ontario input/output model, *Dept. Treas.*, & Econ. Ontario, Can., 69; auth. Interest sensitivity of short-term capital movements: some recent statistical studies, *Kyklos*, 11/69. Address: 8639 Chapel Drive, Annandale, Va. 22003.



- DE CASAL, DR. ELVIRA FERNANDEZ, b. Havana, Cuba, Nov. 18, 23; U.S. citizen; m. 53; c. 2. **EDUCATIONAL PSYCHOLOGY**. Ed.D.(ed. psychol.), Havana, 46, Ph.D.(psychol.), 53; Minnesota, 49-50. Asst. prof. psychol., Havana, 43-60; chief princ. serv. Job Orientation in the Neighborhoods, New York Munic. Dept. 64-65; ASST. PROF. PSYCHOL. INTER-AM. UNIV. P.R., 67-68. CHMN. DEPT. 69. Psychol. Asn. Address: 106 Teres Hermanos St., Condado, P.R. 00907.
- DE CECIO, DR. JOHN PAUL, JR. Psychology, Education. See A-K Vol, 11th ed. Soc. & Behav. Vols. New position & address: Prof. 68-, Center for Research and Education in American Liberties, Teachers College, Columbia University, New York, N.Y. 10027.
- DE CENCIO, DR. DOMINIC VINCENT. Psychology. See A-K Vol, 11th ed. Soc. & Behav. Vols. New information: Assoc. prof. sch. med. Temple, 70- & asst. v-pres. health sci. center, 69- Address: Health Sciences Center, Temple University, 3400 N. Broad St., Philadelphia, Pa. 19140.
- DECHERT, PROF. CHARLES RICHARD. Political Science. See A-K Vol, 11th ed. Soc. & Behav. Vols. New publ.: Co-auth. Positive feedback: a general systems approach to positive/negative feedback and mutual causality, Pergamon, 68. Address: 1308 Perry St. N.E., Washington, D.C. 20017.
- DECKER, DR. DALE ALAN, b. Carmel, Calif. Feb. 18, 45; m. 66. **POLITICAL SCIENCE**. Chicago, summer 63; Paris, 63-64; A.B., Claremont Men's Col., 66, M.A., Claremont Grad. Sch., 68, Ph.D.(govt. admin.), 70. Part-time teacher, sch. dist. Calif., 67-68; instr. WIS. STATE, STEVENS POINT, 68-69, ASST. PROF. POLIT. SCI., 69. Vis. prof., Hartnell Col., summer 69. Consult. City of Wisconsin Rapids, Wis., 69. Mem. Gov. Task Force on Calif. Commitment, 68. Polit. Sci. Asn.; Soc. Pub. Admin. Policy-making; metropolitan problems; empirical and assumptive theory; public administration. Address: 3701 Robert Place, Stevens Point, Wis. 54481.
- DE FELICE, DR. FRANK, b. Boston, Mass., Dec. 20, 32; m. c. 3. **ECONOMICS**. FINANCE. B.A. Mich. State, 61; Nat. Defense (el.), North Carolina, 61-64, M.B.A., 63, Ph.D.(econ.), 66. Instr. econ. North Carolina, Chapel Hill, 63-64; econ. & bus. admin. North Carolina, Greensboro, 64-65; Assoc. prof. econ. East Carolina Col., 65-66; asst. prof. econ. & bus. admin. North Carolina, Charlotte, 66-69; ASSOC. PROF. ECON., QUEENS COL.(N.C.), 69. Ford Found. faculty fel., Duke Univ., North Carolina, coop. prog. in studies, 68-69; participant, Nat. Sci. Found. summer inst. comput. sci., 69. U.S.N., 50-53. Econ. Asn. Soviet economy, econometrics. Publ.: Soviet distributing policy, Rivista Internazionale di Scienze e Commerciali, 6/68, Productivity changes in Soviet distribution, Econ. J., 3/69 & Security and investment; more evidence, J. Finance, (in press). Address: Dept. of Economics, Queens College, Charlotte, N.C. 28207.
- DEFFENBACHER, DR. KENNETH A., b. Edinburg, Tex., Jan. 24, 43; m. 64; c. 1. **PSYCHOLOGY**. B.S. Washington (Seattle), 64, U.S. Pub. Health Serv. fel., 66, Ph.D.(psychol.), 68. ASST. PROF. PSYCHOL. NEBRASKA, OMAHA, 68-69. Senate Res. grant, Neb., Omaha, 70-71, summer res. assoc. U.S. Air Force grant, 68. Psychol. Asn. Cognitive processes; perception; computer simulation; artificial intelligence. Publ.: Co-auth. Concept learning with one relevant dimension in the squirrel monkey, Psychonomic Sci., 66 & Conjunctive and disjunctive concept learning in humans and squirrel monkeys, Can. J. Psychol., 67; auth. An extension of four single-cue process models to conjunctive concept learning, Psychol. Reports, 70. Address: Dept. of Psychology, University of Nebraska at Omaha, Omaha, Nebr. 68132.
- DE FRIESE, DR. GORDON H., b. Trion, Ga., Apr. 25, 42; m. 64; c. 2. **SOCIOLOGY**. B.S. Middle Tenn. State, 63; M.A., Kentucky, 66, Ph.D.(sociol.), 67. Instr. med. behav. sci. coll. med. & dent., Kentucky, 66-67; ASST. PROF. SOCIOL., CORNELL, 69. U.S.A., 67-69, Capt. Sociol. Asn.; Soc. Study Social Probs; Pub. Health Asn. Attitude theory and measurement; deviant behavior; occupational socialization; social psychiatry and illness behavior; complex organizations; urban sociology. Publ.: Open occupancy—what whites say, what they do, Trans-Action, 4/68; Verbal attitudes, overt acts and the influence of social constraint in interracial behavior, Soc. Probs, spring 69. Address: Dept. of Sociology, Cornell University, Ithaca, N.Y. 14850.
- DEGLER, PROF. CARROLL M. Economics. See A-K Vol, 11th ed. Soc. & Behav. Vols. Change of address: Whittemore School of Business & Economics, University of New Hampshire, Durham, N.H. 03824.
- DE GREGORI, DR. THOMAS ROGER. Economic History & Development. See 5th ed. Dir. Am. Scholars, Vol. I, Hist.
- DE GROOT, DR. SYBIL GRAMLICH, b. Evanston, Ill., Feb. 28, 26; div. c. 3. **PSYCHOLOGY**. B.A. M.A., 49, Ph.D. (eng. psych.), 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 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93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 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93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 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93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 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- Teacher, high sch, Mass, 60-62; dir. guid, Stang High Sch, N.Dartmouth, 62-63; couns., counseling center, Arizona State, 63-64, Vet. Admin. couns. & counseling practicum supvr, Vet. Admin. Counseling Center, 64-65; asst. prof. ED. PSYCHOL. COL. ED. ILLINOIS, URBANA, 66-68, ASSOC. PROF., 68- AAAS; Psychol. Asn; Personnel & Guid. Asn; Asn. Couns. Ed. & Supv. Counseling; supervision; simulation; personality. Publ: Co-auth, Readings in counseling and psychotherapy & Readings in child development, Asn. Ed. Serv. Corps, 68; The counseling process, Rand McNally, (in prep). Ad. address: 188 Education Bldg, University of Illinois, Urbana, Ill. 61801.
- DELANEY, DR. ROBERT F(OLEY), b. Fall River, Mass, Aug. 2, 25; m. 50; c. 5. POLITICAL SCIENCE, INTERNATIONAL RELATIONS. B.S. Col. Holy Cross, 46; Harvard, 46; A.M. Boston, 48; B.S.L.S. Catholic Univ., 50, Volker Found. grants, 54-55, Ph.D.(sociol), 59; Vienna, 56. For. serv. officer, U.S. State Dept. & Info. Agency, 50-63; pub. rels. adv. Esso Standard Oil, S.Am, 63-65; asst. dir. res. & pub. opinion, U.S. Info. Agency, 67-68; dir. Edward R. Murrow Center Pub. Diplomacy, Fletcher Sch. Law, 68-70; PRES. THUNDERBIRD GRAD. SCH. INT. MGT, 70- Lectr, Boston Univ, 69- Consult, U.S. Naval War Col, 69- Mem, U.S. Cath. Cmn. Intellectual & Cultural Affairs, 64- U.S.N.R, 43-, Capt. Conn. For. Rel; Mgt. Asn; Acad. Polit. & Soc. Sci. Int. Studies Asn. International public opinion and communications research treating especially the media and management. Publ: Your career in foreign service, Rosen, 61; The literature of Communism in America, Catholic Univ, 62; co-auth, American public diplomacy: the first years, Tufts Univ, 67. Address: Thunderbird Graduate School of International Management, P.O. Box 191, Phoenix, Ariz. 85001.
- DE LESPINASSE, DR. PAUL F. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. polit. sci, Adrian Col, 69- Address: 1142 College Ave, Adrian, Mich. 49221.
- DELHEES, DR. KARL H(EINZ), b. Wittlar, Germany, Sept. 25, 32; m. 65; c. 1. PSYCHOLOGY. B.S. Loyola (Ill), 61; Ph.D.(psychol), Zurich, 65. Study dir. consumer res, Inst. Motivational Res, 63-64; res. assoc. personality & motivation res, Illinois, 65-67, res. asst. prof, 67-69; ASST. PROF. PSYCHOL, STATE UNIV. N.Y. BINGHAMTON, 69- Test consult, Inst. Personality & Ability Testing, 66- Soc. Multivariate Exp. Psychol. Basic and applied personality measurement; attitude and interest study; test construction and theory; methodology. Publ: Co-auth, The children motivation analysis test, Inst. Personality & Ability Testing, Champaign, Ill, 70; auth, The abnormal personality: neurosis and delinquency, In: Handbook of modern personality theory, Aldine, 70; Conceptions of group decision and group conflict applied to vector space: a research model, Acta Psychologica, 12/70. Address: Dept. of Psychology, State University of New York at Binghamton, Binghamton, N.Y. 13901.
- DELL, DR. ROBERT T. Religion. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- DELLA GROTTA, DR. JOSEPH A. European Social & Intellectual History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- DELLIN, DR. L(UBOMIR) A(TANASOV) D(ELINESHEV). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn, 69-, Center for Area Studies, University of Vermont, Burlington, Vt. 05401.
- de LORGE, DR. JOHN OLDFHAM. Experimental Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Res. psychologist, 69-, Naval Aerospace Medical Institute, Pensacola, Fla. 32512.
- DELORME, DR. ROBERT L., b. Rolla, N.Dak, Aug. 5, 31. POLITICAL SCIENCE. B.A. St. John's (Minn), 53; M.A. Minnesota, 62, Ph.D.(polit. sci), 68. ASST. PROF. LATIN AM. GOVT, CALIF. STATE COL. LONG BEACH, 66- U.S.A, 54-56. Economic development in the less-developed nations. Address: Dept. of Political Science, California State College at Long Beach, Long Beach, Calif. 90801.
- DELPRATO, DR. DENNIS J(OHN), b. Cherry Valley, Pa, Jan. 8, 42; m. 64; c. 1. EXPERIMENTAL PSYCHOLOGY. B.A. Washington & Jefferson Col, 63; M.S. Ohio, 65; Ph.D. Mich. State, 68. ASST. PROF. PSYCHOL, Miss. State, 68-69; EASTERN MICHIGAN, 69- AAAS; Psychol. Asn. Animal and human learning; aversive conditioning; memory. Publ: Co-auth, Punishment and the length of nonshock confinement during the extinction of avoidance, Can. J. Psychol, 22: 456-464; Free and modified free recall measures of response recall and unlearning, J. Exp. Psychol, 81: 408-410; Unlearning in the absence of new learning, J. Verbal Learning & Verbal Behav, 8: 388-392. Address: Dept. of Psychology, Eastern Michigan University, Ypsilanti, Mich. 48197.
- DEL RUSSO, PROF. ALESSANDRA LUINI. Law, Social Sciences. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- DELWART, LOUIS O. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. econ. & polit. res, Investors Overseas Serv, 68- Address: 8 Chemin des Vidollets, Vernier, Geneva, Switz.
- DEMANCHE, SISTER, EDNA LOUISE. Science Education, Plant Physiology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- DeMARCE, DR. VIRGINIA E(ASLEY). History. See Suppl. I to 5th ed, Dir. Am. Scholars.
- DE MARTINO, DR. CLAUDE R(OBERT), b. Montreal, Que. Feb. 24, 29; m. 62; c. 1. CLINICAL PSYCHOLOGY. B.S. City Col. New York, 62; Nat. Inst. Ment. Health fel, N.Y. Univ, 66-68, Ph.D.(clin. psychol), 68. Asst. dir. CLIN. PSYCHOL, Country Place, Warren, Conn, 68-69; ASST. PROF. BRITISH COLUMBIA, 69-, univ. res. grant, 69- Consult, B.C. Youth Development Center, 69- U.S.A, 45-47, Sgt. AAAS; Psychol. Asn. Subliminal perception; awareness and behavior; psychotherapy. Address: Dept. of Psychology, University of British Columbia, Vancouver 8, B.C. Can.
- DEMBER, DR. CYNTHIA F(OX), b. New York, N.Y., Feb. 15, 34; m. 58; c. 3. CLINICAL PSYCHOLOGY, CHILD DEVELOPMENT. A.B. Vassar Col, 54; M.S. Yale, 55, Ph.D.(psychol), 59. Instr. psychol, Yale, 58-59; asst. chief psychologist, Hamilton County Juvenile Court, 59-60; clin. psychologist, Child Guid. Hse, 61-64. CHIEF PSYCHOLOGIST, CHILDREN'S PSYCHIAT. CENTER, 64- Adj. asst. prof, Cincinnati, 61-67, adj. assoc. prof, 68- Psychol. Asn. Comprehensive developmental assessment of children; underachievement; depression in children. Address: Children's Psychiatric Center, 3140 Harvey Ave, Cincinnati, Ohio 45229.
- DEMBER, PROF. WILLIAM N(ORTON). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 920 Oregon Trail, Cincinnati, Ohio 45215.
- DEMBITZ, LEWIS N. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Sr. assoc. dir, Carter H. Golemba Assocs, Inc, 69- Address: 3414 Garfield St. N.W., Washington, D.C. 20007.
- de MENIL, DR. GEORGE. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 27 Chestnut St, Boston, Mass. 02108.
- de MILLE, DR. RICHARD, b. Monrovia, Calif, Feb. 12, 22; m. 55; c. 2. PSYCHOLOGY. A.B. Pepperdine Col, 55; Ph.D.(psychol), Southern California, 61. Adj. asst. prof. psychol. & study leader aptitudes res. proj, Southern California, 61-62; lectr, California State Barbara, 62-65; CONSULT. & ED. dir, Brooks Found, Calif, 65-67; MEM. TECH. STAFF, SOCS. SVCS. DEPT. GEN. RES. CORP, 67- Res. assoc., Southern California, 62-64; Res. design consult, Santa Barbara Mental Health Serv, 64. U.S.A.A.F, 43-46. Psychol. Asn. Psychometrics; surveys. Publ: Put your mother on the ceiling; children's imagination games, Walker, 67; Epilepsy in catatonic schizophrenics after transorbital leucotomy, J. Nervous & Ment. Disease, 139: 393-395 & Logical and empirical observations in value responses, Psychol. Reports, 26: 143-154. Address: 960 Lilac Dr, Santa Barbara, Calif. 93103.
- DEMOND, HELEN FAIRCHILD. Economics, Statistics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, 69. Address: 1238 29th St. N.W., Washington, D.C. 20007.
- DEMeyer, DR. MARIAN K., b. Greensburg, Ind, Oct. 30, 22; m. 52; c. 3. CHILD PSYCHIATRY. B.S. Indiana, 49, M.D. 52. Res. instr. psychiat, sch. med, Indiana, 55-56; fel. child psychiat, East Pa. Psychiat. Inst, 56-57; instr. PSYCHIAT. SCH. MED. INDIANA, 57-61. asst. prof, 61-65, assoc. prof, 65-69. PROF. 69-. DIR. CLIN. RES. CENTER FOR EARLY CHILDHOOD SCHIZOPHRENIA, 61- Dir. children's serv, Carter Mem. Hosp, 57-61; prin. investr, Nat. Inst. Ment. Health grant, 61- Dipl. Am. Bd. Psychiat. & Neurol, 59, cert. child psychiat, 60, asst. exam, 68. Psychiat. Asn; fel. Orthopsychiat. Asn; World Fedn. Ment. Health. Childhood autism and schizophrenia etiology; family structure, symptomatology, treatment, biochemistry. Address: Dept. of Psychiatry, Indiana University School of Medicine, 1315 W. Tenth St, Indianapolis, Ind. 46202.
- DENEGRE, DR. JOSEPH JR., b. New Haven, Conn, Jan. 14, 32; m. 53; c. 4. PSYCHOLOGY. B.A. Connecticut, 53, Ph.D.(learning), 62. Sr. res. engr. N.Am. Aviation, 61-62; human factors engr. Sikorsky Aircraft, 62-63; res. asst. prof. PSYCHOL, Connecticut, 63-64; Nat. Inst. Ment. Health fel, Yale, 64-66, ASSOC. PROF. SOUTH. CONN. STATE COL, 66- U.S.A.F, 53-57, 1st Lt. Psychol. Asn; Human Factors Soc. Discrimination learning in normal and retarded children. Publ: Influence of various cues associated with reward on retardate discrimination learning, J. Exp. Child Psychol; co-auth. Variability of irrelevant discriminable stimuli, J. Exp. Psychol. Address: 283 Mountain Rd, Cheshire, Conn. 06410.
- DENENBERG, DR. HERBERT S(IDNEY). Economics, Law. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Loman prof. ins. 68-, Wharton School of Finance & Commerce, University of Pennsylvania, Philadelphia, Pa. 19104.
- DENHOLM, DONALD HOWARD. Industrial Engineering. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. 68-, Dept. of Industrial Engineering, Auburn University, Auburn, Ala. 36830.
- DENIKE, PROF. K(ENNETH), b. Summerland, B.C. Nov. 21, 39; m. 66; c. 1. GEOGRAPHY. B.S. British Columbia, 63, M.Sc. 66; Cent. Mortgage & Housing Cmn. fel, Pennsylvania, 66-69, M.A. 67. Instr. physics, British Columbia, 63-64; planning asst. info. systs. City of Vancouver, B.C. 65; lectr. quant. anal, Pennsylvania, 68-69; ASST. PROF. GEOG. BRITISH COLUMBIA, 69- Res. grants, Can. Transportation Cmn, Can. Coun. Can. Dep. Wildlife & Ford Found, 70- Regional Sci. Asn. Can. Asn. Geog. Research into the spatial implications of public policy, especially the existing patterns of public facilities and welfare considerations involved in locating these facilities. Publ: Co-auth, Production in space, spatial competition and restricted entry, J. Regional Sci, 70 & Theoretical problems in central place analysis, Econ. Geog, fall 70. Address: Dept. of Geography, University of British Columbia, Vancouver 8, B.C. Can.
- DENMAN, DR. CLAYTON CHARLTON, b. Seattle, Wash, Dec. 15, 30; m. 65. ANTHROPOLOGY. B.A. Washington (Seattle), 56, M.A. 60; Ph.D.(anthrop), California, Berkeley, 62, asst. prof. ANTHROP. CENT. WASH. STATE COL, 64-68, ASSOC. PROF, 68- PRES. & CO-DIR. SMALL TOWNS INST, 69- Fel. Anthropol. Asn; Soc. Appl. Anthropol. Manpower and human resources development; small communities; American Indian problems, including education; Korean culture and society. Publ: The role of cultural patterns in manpower development, Indust. Rel. Cent, Iowa State Univ, 69; Social customs and facility planning, Area Develop. Mag, 12/68. Address: Dept. of Anthropology, Central Washington State College, Ellensburg, Wash. 98926.
- DENMARK, DR. FLORENCE L. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, 70-, Dept. of Psychology, Hunter College, New York, N.Y. 10021.



- DENNEY, PROF. ARTHUR HUGH, b. Rosendale, Mo. Sept. 25, 16; m. 39; c. 2. ECONOMICS, SOCIOLOGY. B.S. Missouri, 38; M.A., 50; London, 69. Prof. leader, Mo. Conserv. Cmn. 38-41, proj. coordinator conserv. planning, 41-44; head recreation, Mo. Resources & Develop. Cmn. 44-45; dir. resource develop. 45-47; owner-operator, Blue Springs Lodge & Holiday House, 48-50; admin. asst., McDonnell Aircraft Corp., 50-54; owner-operator, Blue Springs Lodge, 54-58; ASSOC. PROF. REGIONAL & COMMUNITY AFFAIRS, MISSOURI-COLUMBIA, 58- Lectr. West Virginia & Arkansas, 68; Philippines, 69. Res. consult, Purdue, 61-64. Agr. Econ. Assn. Regional Sec. Assn; Community Develop. Soc. Delineation of planning regions for network functions; correlates of urban size. Address: Dept. of Regional & Community Affairs, University of Missouri, Columbia, Mo. 65201.
- DENNIS, DR. BENJAMIN G(UMBU), b. Monrovia, Liberia, June 5, 39; m. 67; c. 2. SOCIOLOGY, ANTHROPOLOGY. B.A. & B.S. Lincoln, 54; M.A., Fisk, 56; Washington (St. Louis), 56-59; Ph.D.(sociol. anthropol.), Mich. State, 64. Asst. prof. SOCIOLOGY & ANTHROPOLOGY, OHIO, 64-65, ASSOC. PROF., 66-, chmn. dept., 65-69. Sociol. Assn. Anthropol. Assn; fel. African Studies Assn. Race and ethnic relations as is found in both urban and rural milieu; traditional African societies. Address: Dept. of Sociology & Anthropology, Ohio University, Athens, Ohio 45701.
- DENNIS, LAWRENCE EDWARD, b. Virginia, Minn. Sept. 20, 20. MASS COMMUNICATION. A.B. Iowa State Teachers Col., 40; A.M., Minnesota, 42; Iowa, 46-48. Instr. journalism & polit. sci., Iowa, 46-48; assoc. prof. journalism & citizenship, Kans. State Col., 48-50; spec. asst. to cmr., ed. U.S. OM, Ed. D.C., 50-51; ed. writer, Des Moines Register-Tribune, 52-53; admin. asst. to pres. Pa. State, 54-55, provost, 56-57, v.pres. acad. affairs, 57-61; assoc. dir. Peace Corp., D.C., 61-62; dir. cmnt. acad. affairs & exec. assoc. Am. Coun. ed., 62-65; ed. proc. consult. Ford Found., Caracas, Venezuela, 65-67; chancellor, R.I. State Syst. Higher Ed., 68-70; PROVOST, MASS. STATE COL. SYST., 70-. News analyst, Sta. WSUT, Iowa, 46-47; sta. KSAC, Kans., 48-50; pub. affairs columnist, Iowa City Daily Iowan, 46-48; Manhattan Tribune-News, Kans., 48-50. Polit. Sci. Assn; Assn. ed. in Journalism: Adult Ed. Assn. U.S. International freedom of information; interpretation of contemporary affairs; teaching of public affairs. Address: Division of State Colleges, 65 Franklin St., Boston, Mass. 02110.
- DENNIS, PROF. WAYNE. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, 70. Address: Dossell, Va. 23047.
- DENNY, DEAN BREWSTER (ASTBERG). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dean, 68-, Graduate School of Public Affairs, University of Washington, Seattle, Wash. 98105.
- DENNY, DR. NATHAN ROBERT, b. Lake Charles, La., July 5, 42; m. 62; c. 1. EXPERIMENTAL PSYCHOLOGY. B.A., La. State, 63; M.A., Oregon, 65, Ph.D.(memory), 67. ASST. PROF. EXP. PSYCHOL., TEXAS TECH, 67- Tex. State res. grant, 68-, train. invest. Thesis contract, U.S. Dept. Defense, 69- Psychol. Assn. Prediction of human memory performance in complex sequential information processing, especially concept learning, probability discrimination and complex tracking. Address: Dept. of Psychology, Texas Tech University, Lubbock, Tex. 79409.
- DENO, DR. STANLEY LYNN, b. Minneapolis, Minn., May 23, 36; m. 65. EDUCATIONAL PSYCHOLOGY. B.A., St. Olaf Col., 58; Ph.D.(ed. psychol.), Minnesota, 65. Teacher, Bloomington Pub. Schs., 62-63; from asst. prof. to assoc. prof. ed. psychol., Delaware, 66-69; VIS. PROF. SPEC. ED., MINNESOTA, MINNEAPOLIS, 69- U.S.A.F., 58-61, Capt. Psychol. Assn; Ed. Res. Assn; Nat. Soc. Study Ed. School learning; contingency management; learning problems; educational research. Publ: Co-auth. Student motivation and classroom management, Behav. Technics, Inc., 69; auth. Learning language equivalents, 67 & co-auth. Influence of student feedback on teacher's self-evaluations, 11, 69, J. Ed. Psychol. Address: Dept. of Special Education, University of Minnesota, Minneapolis, Minn. 55455.
- DENT, DR. ORAN (BAILEY). Clinical Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir. clin. training, 69-, Section of Psychology, Presbyterian-St. Luke's Hospital, 1753 W. Congress Pkwy. Chicago, Ill. 60612.
- DENTAN, DR. ROBERT K. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. anthrop. & Am. studies, 69-, Dept. of Anthropology, State University of New York at Buffalo, 4242 Ridge Lea Rd., Buffalo, N.Y. 14226.
- DEPROSPRO, DR. ERNEST ROCCO, JR. Public Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 16 Westwood Rd., East Brunswick, N.J. 08816.
- DERGE, DR. DAVID R. JR. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. polit. sci., dean. admin. & exec. v.pres., 69-, Indiana University, 200 Bryan Hall, Bloomington, Ind. 47401.
- DEROGATIS, DR. LEONARD R., b. Wilmington, Del. Sept. 24, 38. PSYCHOLOGY. B.A., Delaware, 61; M.A. Catholic Univ., 64, Ph.D.(psychol.), 65. Res. psychologist, E.I. du Pont de Nemours & Co., 65-67; sr. res. scientist, biomet. lab., George Washington, 67-69; ASST. PROF. MED. PSYCHOL., SCH. MED. HOPKINS, 69- Psychol. Assn. Development of computerized statistical models for assessment and prediction in research in psychopathology and psychopharmacology. Publ: Structural vs interpretive ambiguity, J. Proj. Tech. & Personality, 2/68, The power of the IMPS in psychiatric drug research, Arch. Gen. Psychiat., 12/68 Dimensions of outpatient neurotic pathology, J. Consult. & Clin. Psychol., 4/70, 4/70. Psychiatry, Johns Hopkins University School of Medicine, Baltimore, Md. 21205.
- DERR, DR. DONN ALLAN, b. Kenton, Ohio, July 21, 40; m. 64; c. 1. AGRICULTURAL ECONOMICS. B.S. Ohio State, 62, M.S., 64, Ph.D.(agr. econ.), 68. Res. asst. agr. econ., Ohio Agr. Exp. Sta., 62-64; rev. appraiser, State Dept. Hwys., Ohio, 64-65; res. assoc. AGR. ECON., Ohio Agr. Res. & Develop. Center, 65-68; ASST. PROF., RUTGERS, 68- Agr. Econ. Assn;
- Econ. Assn. Resource economics; land and water resources; real estate economics. Address: Dept. of Agricultural Economics & Marketing, Rutgers, The State University, New Brunswick, N.J. 08903.
- DERRIG, RAYMOND, S.J., b. Denver, Colo., July 6, 16. POLITICAL SCIENCE & PHILOSOPHY. A.B., St. Louis, 39, Ph.D., 41, M.A., 44, S.T.L., 48, Ph.D., 60. Instr. soc. studies, Campton Col., 42-44; POLIT. SCI., Marquette, 54-55; ST. LOUIS, 55-60, asst. prof., 60-64, ASSOC. PROF., 64- Vis. lectr., Seattle (St. Louis), 63. Mem. Conf. Study Polit. Thought, Polit. Sci. Assn. American political thought; American socialism; church-state relations. Address: Dept. of Political Science, St. Louis University, St. Louis, Mo. 63103.
- DESHOWITZ, PROF. ALAN MORTON. Law, Law & Behavioral Science. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- DESALVO, DR. ROBERT JAMES, b. Toledo, Ohio, July 20, 33; m. 67. PHARMACEUTICAL ECONOMICS. B.S., Toledo, 56; M.S., Pittsburgh, 56, Ph.D. (pharmaceut. econ), 67. Instr. pharmaceut. econ., Pittsburgh, 65-66; ASST. PROF. PHARM. ADMIN., PURDUE, 67- U.S.A., 58-58, Am. Pharmaceut. Assn; Acad. Pharmaceut. Sci. Health economics; prepaid prescriptions; marketing of drug products; drug distribution. Address: Dept. of Pharmacy Administration, School of Pharmacy & Pharmaceutical Sciences, Purdue University, Lafayette, Ind. 47907.
- DESJARLAIN, DEAN LIONEL, b. Providence, R.I., June 21, 20; Can. citizen; m. 53; c. 3. PSYCHOLOGISTICS, EDUCATION. B.A. Montreal, 40, B.Paed., 41; M.A., Ottawa (Ont), 47, Ph.D.(ed), 54. Teacher, elem. schs., Ont., 41-49, sec. schs., 49-64; prof. ed., Ottawa (Ont), 54-55, psychol. teachers col., 55-62; supt. elem. schs., Ottawa, 62-64; prof. ed., faculty psychol. & ed., OTTAWA (ONT), 64-67, DEAN FACULTY ED., 67- Consult, Ottawa Separate Sch. Bd., 67- Am. Ed. Res. Assn; Can. Psychol. Assn; Can. Assn. Deans Ed. (St. Louis), 69. Psychol. Assn. Psychol. and secondary education, bilingualism. Publ: Is I.Q. enough. In: Education of the gifted, Conf. Clark, 58, co-auth. English as a second language, Ont. Curriculum Inst., 65 & Training of elementary school teachers, Govt. Ont., 66. Address: 1684 Rhodes Court, Ottawa 8, Ont., Can.
- DESMONDE, PROF. WILLIAM H. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- DESOMOGYI, DR. JOSEPH. Middle Eastern History & Economics. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- DESTOUNS, DR. NICHOLAS, b. Patras, Greece, Mar. 14, 27; U.S. citizen; m. 54. PSYCHIATRY, Mil. Med. Acad. Greece, 47-51; M.D., Nat. Univ. Athens, 53. Teaching fel. psychiat., Pittsburgh, 57-58, instr., 58; res. assoc., Dalhousie, 59-62; dir. res., Crownsville State Hosp., Md., 63-65; clin. dir. psychiat., Del. State Hosp., 65-67; asst. prof., Albert Einstein Col. Med., 67-69; ASSOC. PROF. PSYCHOL., PACE COL., 69- Lectr., psychiat. inst., Univ. Maryland, 63-65; lectr. & res. assoc., Jefferson Med. Col., 65-68, Consult, Albert Einstein Col. Med. & Bronx Munic. Med. Center, 67- AAAS; fel. Am. Geriat. Soc; fel. Acad. Psychosom. Med; Am. Psychiat. Assn. Am. Psychiat. Assn; fel. Roy. Med. Soc; World Psychiat. Assn. Psychosomatic aspects of pregnancy; psychopharmacology of depression; milieu therapy; psychosomatic aspects of lupus erythematous. Publ: The salutary effects of tofranil on adult psychotic syndromes, J. Psychiat. Commun., 11/64; Post partum psychiatric emergencies, 1/66 & The relationship between schizophrenia and toxoplasmosis, 11/66, Del. Med. J. Address: Dept. of Psychology, Pace College, 41 Park Row, New York, N.Y. 10038.
- DETER, DR. FRANCIS H(ARVEY). Clinical Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir., 69-, Rutherford County Guidance Center, 315 N. Church St., Murfreesboro, Tenn. 37130.
- DETERLINE, DR. WILLIAM ALEXANDER. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Consult, Deterline Assocs., 69- Address: 1990 Scott Lane, Los Altos, Calif. 94022.
- DE VALOIS, PROF. RUSSELL L(EE). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 68-, Dept. of Psychology, University of California, Berkeley, Calif. 94720.
- DEVINO, DR. GARY T(THOMAS). Agricultural Economics, Business Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 70-, Dept. of Agricultural Economics, University of Missouri, Columbia, Mo. 65201.
- DEVRIES, PROF. MARVIN GERARD, b. Grand Rapids, Mich., July 9, 33; m. 53; c. 2. ECONOMICS, STATISTICS. B.S.E., Michigan, 59, M.B.A., 60, fels., 59-63, Ph.D.(quant. econ), 63. Res. assoc. inst. sci. & tech., Michigan, 60-65; asst. prof. ECON., GRAND VALLEY STATE COL., 63-66; assoc. prof., 66-70, PROF., 70- CHMN. DEPT. ECON. & BUS., 66- U.S.A., 53-55. Inst. Mgt. Sci. Opers. Res. Soc; Econ. Assn; Am. Stat. Affiliation. Development of statistical forecasting models; analysis of industrial competitive structure and regional economic development. Publ: Co-auth. Anatomy of an industry, Univ. Michigan, 8/63; auth. The dynamic effects of planning horizons on the selection of optimal product strategies, Mgt. Sci., 4/64 & What hath gold wrought, Value Invest., 1/68. Address: Dept. of Economics, Grand Valley State College, Allendale, Mich. 49401.
- DEVYER, PROF. FRANK (TRAVER). Labor Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: No longer provost, Duke. Address: 8 Sylvan Rd., Durham, N.C. 27701.
- DE WAAL, MALEFLIT, DR. ANNEMARIE. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., Hunter Col., 70- Address: 552 Riverside Dr., Apt. 6-C, New York, N.Y. 10027.
- DEWEY, DR. ANNE HULSE. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., Hunter Col., 69- Address: Box 754, Red Creek Rd., Hampton Bays, N.Y. 11046.

- DEXTER, DR. LEWIS ANTHONY. Political Science, Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Publ: How organizations are represented in Washington Bobbs, 68 (little change from: Group representatives before government; government relations as a profession and a task). New Publ: Sociology and politics of congress, Rand McNally, 69; Elite and specialized interviewing, Northwestern Univ, 69. Address: 536 Pleasant St, Belmont, Mass. 02178.
- DE YOUNG, DR. KENNETH NORMAN. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Staff psychologist, Rohrer, Hibler & Replogle, 69. Address: 1749 Hayes Rd, Marne, Mich. 49534.
- DHILLON, DR. PRITAM SINGH, b. Montgomery, Pakistan, June 13, 35; m. 68. AGRICULTURAL ECONOMICS. B.Sc. Panjab, India, 55, M.A., 57; Ph.D. (agr. econ), Pa. State, 64. ASST. PROF. AGR. ECON., Pa. State, 64-66; RUTGERS, 66- Agr. Econ. Assn; Econ. Asn. Agricultural production, economics; agricultural marketing. Publ: Co-auth, Farm production trends in Pennsylvania to 1980, Pa. Agr. Exp. Sta, 62; auth, Milk production and demand in the Northeast, N.J. Agr. Exp. Sta, 69. Address: Dept. of Agricultural Economics & Marketing, Rutgers University, New Brunswick, N.J. 08903.
- DIAMANT, PROF. ALFRED. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof., 69-. Dept. of Political Science, Indiana University, Bloomington, Ind. 47401.
- DIAMOND, DR. LORRAINE K., b. New York, N.Y. July 18, 25; m. 53; c. 4. EDUCATIONAL PSYCHOLOGY. B.A. Hunter Col, 46; M.S. Michigan, 47; Ph.D. (psychol), Columbia, 53. Res. asst, inst. psychol. res, teachers col, Columbia, 47-49; lectr, City Col. New York, 49-53; res. assoc, Puerto Rican Study, New York City Bd. Ed, 54-56; res. assoc, inst. res. & serv. in nursing ed, teachers col, Columbia, 56-64; lectr, CITY COL. NEW YORK, 64-66. ASST. PROF. ED. PSYCHOL, 66-. Res. asst, inst. psychol. res, teachers col, Columbia, 49-53; res. assoc, 53- Psychol. Asn. Educational measurements and research. Publ: Co-auth, Satisfying and stressful situations in basic programs in nursing education, Bur. Pubs, Teachers Col, Columbia Univ, 65 & Self perceived mastery of curriculum content and of methods on the part of beginning elementary school teachers and prospective teachers at various stages of preparation, Div. Teacher Ed, City Univ. New York, 67; Nursing students' perceptions of the psychiatric nursing experience, Perspectives in Psychiat. Care, 3: 30-40. Address: 90 La Salle St, New York, N.Y. 10027.
- DIAMOND, DR. NORMA J., b. New York, N.Y. Feb. 12, 33. ANTHROPOLOGY. B.A. Wisconsin, 54; Ph.D. (anthrop), Cornell, 56. ASSOC. PROF. ANTHROP. MICHIGAN, 63- Am. Coun. Learned Soc. & Am. Philos. Soc. fcls, 69-70; vis. fel, Acad. Sinica, Taiwan, 69-70. Fel. Anthropol. Asn; Soc. Appl. Anthropol. Asn. Asian Studies. Chinese studies; cultural anthropology; cultures of Northeast Asia, especially problems of modernization and social change, ideology and values of Asian peasants. Publ: K'un Shen: a Taiwan village, Holt, 69; co-auth, chap. In: Being an anthropologist, Holt, (in press). Address: Dept. of Anthropology, 221 Angell Hall, University of Michigan, Ann Arbor, Mich. 48104.
- DIAMOND, PROF. SIGMUND. Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Vis. prof. soc. hist, Hebrew Univ, Jerusalem. Address: Dept. of Sociology, Columbia University, New York, N.Y. 10027.
- DIAZ-BORDENAVE, DR. JUAN ENRIQUE. Communications. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: Praia de Flamengo 322 Apt. 401, Rio de Janeiro, Brazil.
- DICARA, DR. LEO VINCENT. Physiological Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. physiol. psychol, 69-, Rockefeller University, 66th St. & York Ave, New York, N.Y. 10021.
- DICK, DR. ALFRED OTTO, b. Carleton, Mich, Sept. 3, 40; m. 65; c. 1. PSYCHOLOGY. A.B. Dartmouth Col, 63; M.A. Waterloo, 64, Ont. fel, 64-67, Ph.D. (psychol), 67. Vis. asst. prof. PSYCHOL, Simon Fraser Univ, 66. ASST. PROF., Lake Forest Col, 67-69; ROCHESTER, 69-. AAAS; Psychol. Asn. Visual information processing, particularly how organisms receive, analyze, interpret and use information. Publ: Co-auth, An analysis of hierarchical processing in visual perception, Can. J. Psychol., 6/69; auth, Relations between the sensory register and short-term storage in tachistoscopic recognition, J. Exp. Psychol., 6/69; Perception as information processing: a stage analysis, In: Human development and cognitive processes, Holt, 71. Address: Dept. of Psychology, University of Rochester, River Campus Station, Rochester, N.Y. 14627.
- DICK, PROF. HERBERT WILLIAM. Anthropology, Archaeology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. anthrop, 69-. Dept. of Sociology & Anthropology, Adams State College, Alamosa, Colo. 81101.
- DICKERSON, DR. WINDEL LEE, b. Lubbock, Tex, July 30, 37; m. 59; c. 2. EDUCATIONAL PSYCHOLOGY. B.A. N.Tex. State Col, 60, M.S., 61; Ph.D. (ed. psychol), Texas, 66. Psychologist, Austin State Sch, 60-62; exec. dir. voc. rehab. regional training center, Texas, 64; asst. prof. div. ed. Colo. State Col, 65; col. ed. Florida, 65-66; assoc. dir. res. rehab. res. & training center ment. retardation, TEXAS, AUSTIN, 66-68. ASST. PROF. SPEC. ED, 66-. DIR. REHAB. RES. & TRAINING CENTER MENT. RETARDATION, 69-. Res. consult, Inter-Univ. Consortium Study Ethnicity Rehab, 66-67; res. & training center ment. retardation, Univ. Oregon, 67; prog. consult, Camp Gary Job Corps Center, San Marcos, Tex, 68. Nat. Rehab. Assn. Psychol. Asn. Asn. Ment. Deficiency. Psycho-educational intervention with exceptional children and personal development as a function of peer interaction. Publ: Strategies for evaluation of short-term training, In: Program development in mental retardation and vocational rehabilitation, Am. Asn. Ment. Deficiency, 68; co-auth, The plural elite and rehabilitation potential & Sustained versus interrupted institutionalization: II, Am. J. Ment. Deficiency, 68. Address: Dept. of Special Education, University of Texas at Austin, Austin, Tex. 78712.
- DICKESON, DR. ROBERT (ELMER), b. Independence, Mo, June 28, 40; m. 63. POLITICAL SCIENCE. A.B. Missouri, 62, M.A., 63, Ph.D. (polit. sci), 68. Asst. polit. sci, MISSOURI-COLUMBIA, 62-64, admin. asst. to dean of students, 62-64, dir. student activities, 64-68. ASST. DEAN STUDENTS, 68- Personnel & Guid. Asn; Polit. Sci. Asn; Soc. Pub. Admin. Acad. Polit. & Soc. Sci. Public administration; municipal government and administration. Address: 200 Read Hall, University of Missouri-Columbia, Columbia, Mo. 65201.
- DICKINSON, DR. SHOI BALABAN. Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Pres, Dickinson Res. Inc. Address: 440 Park Ave, New York, N.Y. 10022.
- DICKSON, DR. JAMES F. JR., b. Brooklyn, N.Y. July 18, 37; m. 63; c. 2. PSYCHOLOGY. B.A. Lafayette Col, 60; M.A. Kent State, 62; Ph.D. (psychol), Maryland, 70. Res. asst, Yerkes Labs, Fla, summer 60; grad. counsr. for men, Dean of Men's Off, Kent State, 60-62, asst. PSYCHOL, summer 62; Maryland, 62-65, instr., 65-66; ASST. PROF. ST. OLAF COL, 66-. Psychol. Asn; Animal Behav. Soc. Discrimination learning in animals; operant behavior; comparative and physiological psychology. Publ: Operant discrimination learning and stimulus generalization as a function of reward exposure, J. Comp. Physiol. Psychol., 63; Some effects on generalization gradients of tandem schedules, 68 & Some effects of discriminative training with equated frequency of reinforcement, 68; J. Exp. Anal. Behav. Address: Dept. of Psychology, St. Olaf College, Northfield, Minn. 55057.
- DICKSON, DR. THOMAS (NCHES), JR. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 68-. Dept. of Political Science, Auburn University, Auburn, Ala. 36830.
- DIDATO, DR. SALVATORE V., b. New York, N.Y. Aug. 28, 26; m. 67; c. 1. CLINICAL & SOCIAL PSYCHOLOGY. B.A. Hunter Col, 49; M.A. Catholic Univ, 50; N.Y. Univ, 50-52; Ph.D. (psychol), Loyola (Ill), 55. Employ. interviewer, New York City Div. Labor, 51-53; asst. prof. psychol, Maryland Col. (N.Y.), 56-58; Mgt. Dame Col. (N.Y.), 57-59; Seton Hall, 59-61; psychotherapist, Community Guid. Serv., N.Y. 57-69; MGT. CONSULT, MEDINA & THOMPSON, CHICAGO & N.Y. 68-. Psychotherapist, Bleuler Psychoter. Center, 58-65. Dipl. exp. hypnosis, Am. Bd. Exam. Psychol. Hypnosis, 68. Hosp. C. U.S.N., 44-46. AAAS; Psychol. Asn; Group Psychoter. Asn; Soc. Clin. & Exp. Hypnosis; Management psychology; personality growth through psychotherapy and counseling; group dynamics and group attitude formation; social conformity; management appraisal and executive development; group psychotherapy; hypnotherapy research; education; creativity; management psychology. Publ: Influence of masculinity-femininity on personal values, Psychol. Reports, 6/56; Recent trends in juvenile delinquency, Ment. Hyg., 10/69. Some vital reminders in selecting good managers, Personnel J., 6/70. Address: 175 Seton Dr., New Rochelle, N.Y. 10804.
- DIEBOLD, WILLIAM, JR., b. New York, N.Y. Mar. 23, 18; m. 37, 53; c. 6. INTERNATIONAL ECONOMICS. A.B. Swarthmore Col, 37; Yale, 37-38; London Sch. Econ, 38-39; Rockefeller res. fel, 39-40. Res. assoc, Coun. For. Rel., 39-43; economist, U.S. Off. Strategic Serv., 43-45; div. commercial policy, U.S. Dept. State, 45-46; SR. RES. FEL., COUN. FOR. RELS., 47-Consult, U.S. Dept. State, 41-43. U.S.A., 44-45. Econ. Asn. International economic relations; United States foreign economic policy; European economic cooperation. Publ: New directions in our trade policy; Trade and payments in western Europe: a study of economic cooperation, 1947-51, Harper, 52; Schuman plan, Praeger, 59. Address: 204 N. Broadway, Upper Nyack, N.Y. 10960.
- DIEGEL, DR. ADOLF, b. Krefeld, Germany, Apr. 20, 35; m. 60; c. 5. MANAGEMENT, OPERATIONS RESEARCH. B.B.A. & Fulbright scholar, Oregon, 57, M.S., 58, D.B.A. (mgt. philos), 62; Western Reserve, 58-59. Sr. lectr. mgt, Ottago, N.Z., 62-68; vis. lectr., Lancaster, 68-69; ASSOC. PROF. QUANT. MGT., SOUTH ALABAMA, 69-. Inst. Decision Sci. Dynamic inventory systems; total systems. Publ: Action for a new government, Univ. Lancaster, 69; An activity theory of management, Management, 64; A linear approach to the dynamic inventory problem, Mgt. Sci., 3/66. Address: Dept. of Quantitative Management, College of Business, University of South Alabama, Mobile, Ala. 36688.
- DIENER, DR. RICHARD J. Communication. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- DIENES, DR. C. THOMAS. Law, Political Science. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- DIENSTBIER, DR. RICHARD ADOLPH, b. Pittsburgh, Pa, Dec. 18, 39; m. 61; c. 2. PSYCHOLOGY. B.A. Rhode Island, 61, M.A., 67. Nat. Acad. Act fel, Rochester, 66-69, Ph.D. (soc. psychol), 69. ASST. PROF. PSYCHOL., NEBRASKA, LINCOLN, 69-, jr. faculty res. fel, summer 70. U.S.A., 59-62. Meaning and labeling of emotional experience; racial prejudice and social perception. Publ: Co-auth, Can the superior learnability of meaningful and pleasant words be transferred to nonsense syllables?, J. Exp. Psychol., 76: 292-298, auth, Effects of positive and negative prejudice: Interactions of prejudice with race and social desirability, J. Personality, (in press). Address: Dept. of Psychology, University of Nebraska, Lincoln, Nebr. 68508.
- DIESTEL, DR. JOSEPH. Mathematics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- DIETRICH, DR. CORALIE E., b. Wilmington, Del, Nov. 2, 40; m. 65; c. 1. PSYCHOLOGY, SPECIAL EDUCATION. B.A. Catholic Univ, 63; M.A. Minnesota, 66, Nat. Defense Ed. Act fel. & Ph.D. (ed. psychol), 67. ASST. PROF. PSYCHOL., WIS. STATE-STEVENS POINT, 66-. Mem. Coun. Children with Behav. Disorders. Psychol. Asn; Coun. Except. Children. Exceptional



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- DIETZ, DR. PETER (OWEN). Business Finance. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. finance, 69-, Graduate School of Management & Business, University of Oregon, Commonwealth Hall, Eugene, Ore. 97403.
- DI GIOVANNI, DR. JOAN FIMBEL. Experimental Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: No longer dir. counseling serv. West. New Eng. Col. Address: 910 Plumtree Rd, Springfield, Mass. 01119.
- DILLEHAY, DR. RONALD CLIFFORD. Social Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. psychol. & behav. sci, 69-, Dept. of Psychology, University of Kentucky, Lexington, Ky. 40506.
- DILLEY, PROF. MARJORIE RUTH. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Emer. prof. Dept. of Government, Connecticut College, New London, Conn. 06320.
- DILLMAN, DR. BUDDY LEROY, b. Garfield, Ark. May 20, 35; m. 59; c. 2. ECONOMICS, AGRICULTURAL ECONOMICS. B.S., Arkansas, 59, M.S. 61; Agr. Policy Inst. fel, N.C. State, 61-64, Ph.D.(econ), 67. Regional economist, econ. res. serv. U.S. Dept. Agr, Morgantown, W.Va. 26466; asst. prof. AGR. ECON. CLEMSON, 66-70, ASSOC. PROF. 70- Lectr. col. commerce, West Virginia Univ, 66; assoc. Res. Group, Inc. Atlanta, Ga. 67- U.S.A.F. 56. Econ. Assn; Agr. Econ. Regional economic development; human resources; migration; agricultural economics. Address: 217 Lark Circle, Clemson, S.C. 29631.
- DILLMAN, DR. C(HARLES) DANIEL, b. Flora, Ill. Jan. 25, 34; m. 61; c. 3. GEOGRAPHY. A.B. Michigan, 56; M.A. 57, Ph.D.(geog), 68. Asst. prof. GEOG. Western Illinois, 61-62; Wis. State-Oshkosh, 62-66; NORTHERN ILLINOIS, 66-70, ASSOC. PROF. 70- Consult. Ill. State Dept. Pub. Instr. 68. Asn. Am. Geog. Assn. Geog. Soc. Nat. Coun. Geog. Ed. The Northern Border Zone of Mexico vis-a-vis the United States; colonization in Latin America; settlement geography. Publ: Sr. co-auth. Laboratory manual for earth science, Burgess, 65; auth. Border town symbiosis as exemplified by the twin cities, Brownsville, Texas and Matamoros, Tamaulipas, Rev. Geog. 12/69; Urban growth along Mexico's Northern Border and the Mexican National Border Program, J. Develop. Areas, 7/70. Address: Dept. of Geography, Northern Illinois University, DeKalb, Ill. 60115.
- DILLON, PROF. ROY DEAN, b. Peoria, Ill. Dec. 10, 29; m. 53; c. 3. VOCATIONAL EDUCATION. B.S. Illinois, 52, M.Ed. 58, Ed.D.(voc. ed), 65. Teacher high schs, Ill. 52-61; safety specialist, Ill. Agr. Assn, 61-62; res. assoc. agr. ed, Illinois, 62-64; assoc. prof. agr. & chmn. dept. Morehead State, 64-67; PROF. AGR. ED. NEBRASKA, LINCOLN, 67- U.S.A.F. 1st Lt. Program planning for agricultural education programs in secondary and post secondary schools. Address: 302 Agricultural Hall, University of Nebraska, Lincoln, Nebr. 68503.
- DILLON, DR. WILTON (STERLING). Cultural Anthropology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. seminars, Smithsonian Inst, 69- Address: 1446 Woodacre Dr, McLean, Va. 22101.
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- DINKELACKER, DR. E. WILLIAM, b. New York, N.Y. Dec. 18, 34; m. 67. ECONOMICS. B.B.A. City Col. New York, 59; Nat. Defense Ed. Act fel, Hopkins, 59-62, Ph.D.(econ), 69. Fiscal economist, U.S. Dept. Treasury, summer 61; economist, U.S. Dept. Commerce, 62-67; instr. econ. mem. res. staff & tech. dir. econ. data library, GEORGETOWN, 64-69, ASST. PROF. ECON. 69- Consult. U.S. Trade Rel. Coun. 65-69; Adv. Cmn. Intergov. Rel. 70- Econ. Assn. Federal, state and local public finance; tax policies and instruments to stimulate growth; capital expenditure functions, especially econometric specification and testing of investment behavior on the industry level. Publ: Co-auth. Employment, output and foreign trade of U.S. manufacturing industries, 1956-64/65 and 66/67, Trade Rel. Coun. 67 & 69; auth. Alternative tax incentives for investment, J. Polit. Econ. 4/64 & Models of investment behavior: an econometric critique, Econometrica, 70- Address: Dept. of Economics, Georgetown University, Washington, D.C. 20007.
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- DISTEFANO, DR. MICHAEL KELLY, b. Roseland, La. Nov. 27, 29; m. 57; c. 2. PSYCHOLOGY. B.S. Tulane, 51; M.A. La. State, Baton Rouge, 57. Ph.D.(soc-indust. psychol), 57. Prisoner classification officer, La. State Penitentiary, Angola, State Dept. Instrns. 55-57, dir. classification, 59-62, psychologist, Pinecrest State School, Pineville, 57-59. CENT. LA. STATE HOSP. STATE DEPT. HOSPS, 62-69, CHIEF OF RES, 69- Asst. prof. La. Col. 62- Consult. Bur. Hearings & Appeals, Dept. Health, Ed. & Welfare, 63-; voc. rehab. consult. La. State Dept. Ed. 63- U.S.A. 51-53. Psychol. Assn. Nat. Rehab. Assn. Social-industrial psychol. app. res. app. res. personal and organizational psychology to mental health; mental health research relevant to evaluation, treatment and outcome. Publ: Changes in work-related attitudes with age, J. Genetic Psychol. 114: 127-134; co-auth. Vocational evaluation and successful placement of psychiatric clients in a vocational rehabilitation program, Am. J. Occup. Ther. 24: 205-207 & Stability of attitudes in psychiatric inpatients attending following training, Ment. Hyg. (in press). Address: Box 31, Central Louisiana State Hospital, Pineville, La. 71360.
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- DITZ, DR. GERHARD (WILLIAM). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. social, Missouri-Kansas City, 68- Address: 5714 Main St, Kansas City, Mo. 64113.
- DWAN, DR. ROMESH KUMAR, b. Sabathu, H.P. India, Dec. 20, 33. ECONOMIC. ICS. M.A. Delhi, 55; Commonwealth scholar, Birmingham, 61-64, Ph.D. (appl. econ), 65. Res. officer, Panjab Govt, India, 57-58; lectr. econ. Panjab Univ, 58-61; economist, Glasgow Univ, 64-65; consult. U.N. Cmt. Trade & Develop. New York, 65-66, 67-68; ASSOC. PROF. ECON. Univ. Hawaii, 66-67; RENSSLAER POLYTECH. 68. Econ. Assn. Econometric Soc. Econometrics of production and cost functions; econometric models of Indian economy; import substitution and economic development; international trade; economic growth and development. Publ: Alternative specifications of economies of scale, Econometrica, 66; Debate on food in India; relevant variables. Econ. & Pol. Weekly, 66; Test of two gap theory of economic development. J. Develop. Studies, 68. Address: Dept. of Economics, Rensselaer Polytechnic Institute, Troy, N.Y. 12181.
- DIX, DR. ROBERT HELLER. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. 68-, Dept. of Political Science, Rice University, Houston, Tex. 77001.
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- DIXON, PROF. KEITH A(LAN). Anthropology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. 68-, Dept. of Anthropology, California State College, Long Beach, Calif. 90801.
- DIXON, DR. LINDA K(AY). Behavioral Genetics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
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DODD, DR. JOSEPH WILLIAM. Political Science. See A-K Vol. 11th ed. Soc. & Behav. Vols. New position: Assoc. prof., polit. sci., Tennessee, 66-. Address: 7203 Middlebrook Pike, Knoxville, Tenn. 37921.

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DOERR, DR. HANS O., b. Heilbronn, Germany, Oct. 2, 32; U.S. citizen; m: c. 1. PSYCHOPHYSIOLOGY. B.A., Fla. State, 61; M.S., 62, U.S. Pub. Health Serv. fel., 63-65, Ph.D.(psychol.), 65. Vis. prof., psychol., N.C., 65-67;

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DOHERTY, SISTER MARY AUSTIN, b. Chicago, Ill., Aug. 10, 27. PSYCHOLOGY. A.B., Alverno Col., 54; M.A., Marquette, 60; M.A., Loyola, 65, Ph.D. (psychol.), 68. Instr. hist., ALVERNO COL., 61-63; asst. prof. PSYCHOL., 67-69, ASSOC. PROF., 69-. Psychol. Assn. Psychology of personality: relationship of personality variables to cognitive activity; psychology of sex differences. Publ: Co-auth. The relationship of personality characteristics, awareness and attitude in a verbal conditioning situation, J. Personality, 12, 66. Discussion vs. memory in cooperative group concept attainment, J. Ed. Psychol., 4, 67 & Intentional and incidental concept formation as a function of motivation, creativity, intelligence, and sex, J. Personality & Soc. Psychol., 4, 68. Address: 3401 S. 39th St., Milwaukee, Wis. 53215.

DOLHNOW, DR. PHYLLIS JAY, b. Elgin, Ill., Nov. 6, 33; m. 68; c. 1. ANTHROPOLOGY, PRIMATOLOGY. A.B., Beloit Col., 55; A.M., Chicago, 60, Ph.D. (anthrop), 63. Lectr. anthrop., California, Berkeley, 61-62; fel. behav. sci., Center Adv. Study Behav. Sci., 62-63; asst. prof. anthrop., Columbia, 63-64; California, Davis, 64-66; asst. res. anthropologist, Nat. Center Primate Biol., 64-66; asst. prof. ANTHROP., CALIFORNIA, BERKELEY, 66-69. ASSOC. PROF., 69-. Wenner-Gren Found. Anthropol. Res. grant for primatol. in Africa, 66; co-recipient, Nat. Sci. Found. grant for primate behavior, unit, 67-. Fel. AAAS: Asn. Phys. Anthropol.; fel. Anthropol. Assn.; Econ. Sci.; Animal Behav. Soc.; Inst. Biol. Sci.; Inst. Primatol. Assn.; Human Ecol. Soc.; Wildlife Preservation Soc. India. Primate social behavior and ecology of monkeys and apes in Asia and Africa; human evolution and behavior. Publ: Ed. Primates: studies in adaptation and variability, 68, co-ed. Perspectives in human evolution, 68 & auth. Primate field studies and human evolution. In: Primates: studies in adaptation and variability, 68, Holt. Address: Dept. of Anthropology, University of California, Berkeley, Calif. 94720.

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DOLL, DR. EDGAR A(RNOLD). Psychology. See 11th ed. Soc. & Behav. Vols., deceased 68.

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DOMINO, DR. GEORGE. **Psychology**. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also dir. counseling center, 69-. Fordham University, Bronx, N.Y. 10458.

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DONALDSON, DR. ROBERT HERSCHEL, b. Houston, Tex., June 14, 43; m. 64. **POLITICAL SCIENCE**. B.A., Harvard, 64, M.A., 66, fel., 66-68, Ph.D. (polit. sci.), 69. ASST. PROF. POLIT. SCI., VANDERBILT, 68-. Polit. Sci. Asn. Soviet domestic and foreign politics; political development; international law and organization; history of political theory. Address: 1816 Cedar Lane, Nashville, Tenn. 37212.

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DONDIS, DR. ERNEST H., b. Rockland, Maine, June 10, 24. **PSYCHOLOGY**. **CLINICAL PSYCHOLOGY**. B.A., Calif. State Col., Long Beach, 51, M.A., 52; U.S. Pub. Health Serv. fel., California, Berkeley, 57-58, Ph.D. (psychol.), 61. Asst. field work superv., California, Berkeley, 58-59; res. specialist, Calif. Dept. Ment. Hyg., Sacramento, 59-60; res. psychologist, 60-66; asst. prof. PSYCHOL., CALIF. STATE COL., FULLERTON, 66-68, ASSOC. PROF., 68-70. U.S.M.C.R., 42-46, Sgt. Psychol. Asn. Clinical research; evaluation of various treatment programs; study of recidivism among treated sex offenders; administration of the research program in the California Department of Mental Hygiene. Publ: Co-auth., Treatment and research at a day treatment center, Diseases Nervous Syst., 24; 360-364, Outpatient screening of hospital candidates, Ment. Hyg., 49; 364-370 and Recidivism among treated sex offenders, California Mental Health Research Monograph, Calif. Dept. Ment. Hyg., 65. Address: 428 Cabrillo Terr., Corona del Mar, Calif. 92623.

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DONNELLY, DR. JOHN T., b. Cedar Rapids, Iowa, Dec. 6, 40; m. 63; c. 1. **ECONOMICS**. B.A., Lawrence, 63; Nat. Defense Ed. Act fel., Vanderbilt, 66-69, Ford Econ. Res., 68-69, Ph.D. (econ.), 70. ASST. PROF. ECON., WASHINGTON STATE, 68-. Nat. Sci. Found. res. grant, summer 69. Econ. Asn.; Union Radical Polit. Econ. Economic theory, trade and development and comparative economic systems, especially in Latin America. Address: Dept. of Economics, Washington State University, Pullman, Wash. 99163.

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ability determination prog., Div. Voc. Rehab., 69-. Psychol. Asn.; Asn. Adv. Behav. Ther. Process and outcome of behavior therapy. Publ: Co-auth., Choice behavior in a verbal recognition task as a function of induced associative strength, J. Exp. Psychol., 68; Covert sensitization with alcoholics: a controlled replication, 68 & auth., Automated group desensitization for test anxiety, 69, J. Behav. Res. & Ther. Address: Division of Clinical Psychology, Psychiatric Institute, University of Maryland, Baltimore, Md. 21201.

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- DOTY, DR. BARBARA ALLEN.** Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: U.S. Off. Ed. fel. ed. res. 69-70. Address: Dept. of Psychology, North Central College, Naperville, Ill. 60540.
- DOTY, PROF. DON D(ARREL).** b. Secor, Ill. Sept. 13, 25; m. 48; c. 1. ECO-NOMICS. B.S. Bradley, 51; M.A., 54; Ph.D.(econ), Arkansas, 63. Asst. mgr., Campbell Grain & Seed Co, Ill. 54-58; instr., Arkansas, 58-60; assoc. prof. econ, Miss. State, 60-65; prof. 65-69; dir. grad. bus. study, 68-69; prof. econ. & dir. master bus. admin. prog., Middle Tenn. State, 69-70; PROF. ECON, MISS. STATE, 70. Econ-in-Action fel. Case Inst. Tech., summer 65. U.S.A.F., 43-45, 51-52, 2nd Lt. Econ. Asn. Recreational benefits as a component of water resources project analysis; regional planning, especially river transportation development; aggregative economics—general income and employment theory, monetary economics. Publ: Co-auth, Implications for scientific and technical employment in space-related activities in Mississippi, NASA, 63; auth, income changes in Mississippi, Atlanta Econ. Rev., 64; Income distribution in Mississippi, Miss. Econ. Coun. 65. Address: Dept. of Economics, Mississippi State University, State College, Miss. 39762.
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- DOUGLASS, DR. JOSEPH H(ENRY).** See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Chmn. exec. cmt. 1970 White House Conf. Children & Youth, 69-. Address: 3314 16th St. N.E., Washington, D.C. 20018.
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- DOUGLASS, WILLIAM BRUCE.** Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: R.D. 1, Box 290A, Lewisberry, Pa. 17339.
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- DRACHMAN, DR. EDWARD RALPH, b. Brooklyn, N.Y., Oct. 25, 40; m. 68. INTERNATIONAL RELATIONS. B.A., Harvard, 61; M.A.T., 63; M.A., Pennsylvania, 62. Ph.D. (int. rels.), 68. Intl. analyst, U.S. Fed. Govt., 63-64; instr. GOVT., BOSTON, 66-68, ASST. PROF., 68. Southeast Asia, Soviet, Chinese and American foreign policy. Publ: United States policy toward, Vietnam, 1940-1945, Fairleigh Dickinson Univ., 70 & The U.S. decision to bomb North Vietnam, in: Problems in international relations, Prentice-Hall, 70; The United States and Vietnam in 1945, Boston Univ. Grad. J., Fall 68. Address: Dept. of Political Science, Boston University, 236 Bay State Rd., Boston, Mass. 02215.
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- DRAKE, PROF. ST. CLAIR. Sociology, Social Anthropology. See A-K Vol., 11th ed, Soc. & Behav. Vols. New position and address: Dir., 69-, African and Afro-American Studies Program, Stanford University, Stanford, Calif. 94305.
- DRANS, PROF. JEAN-YVES. Comparative Linguistics & Literature. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang., Ling. & Philol.
- DRAPER, THEODORE, b. Brooklyn, N.Y., Sept. 11, 12; div. c. 1. POLITICAL SCIENCE, HISTORY. B.S.S., Brooklyn Col., 33. FEL. HOOVER INST. WAR, REVOLUTION & PEACE, STANFORD, 64-; MEM. INST. ADV. STUDY, 68- Consult., Twentieth Century Fund, 69. Contemporary American history and foreign policy. Publ: American Communism and Soviet Russia, 60, Abuse of power, 67 & The rediscovery of black nationalism, 70, Viking. Address: 110 Olden Lane, Princeton, N.J. 08540.
- DRAUGHON, DR. RALPH BROWN. Government. See 11th ed, Soc. & Behav. Vols., deceased 68.
- DRAYTON, DR. LESLIE E. (EDWARD). Agricultural Economics. See A-K Vol., 11th ed, Soc. & Behav. Vols. New position: Economist, Prices & Incomes Cmn., Govt. Can., 70. Address: Box 95, R.R. 4, Ottawa, Ont., Can.
- DREKURS, DR. ERIC. Clinical Psychology. See A-K Vol., 11th ed, Soc. & Behav. Vols. Change of address: 6320 Van Nuys Blvd., Van Nuys, Calif. 91401.
- DREWES, DR. DONALD WILLIAM. Psychology, Operations Research. See A-K Vol., 11th ed, Soc. & Behav. Vols. New position: Prof., 69-, Dept. of Psychology, North Carolina State University, Raleigh, N.C. 27607.
- DRICKEY, DEAN JAMES MYRLE. Psychology. See A-K Vol., 11th ed, Soc. & Behav. Vols. New information: Also dean, 69-, Graduate Studies, South-east Missouri State College, Cape Girardeau, Mo. 63701.
- DRIGGS, DR. DON F. (ERING). Psychology. See A-K Vol., 11th ed, Soc. & Behav. Vols. New information: Dir., human develop. clin., 69-, Habitability Science Center, Florida State University, Tallahassee, Fla. 32306.
- DRISCOLL, DR. JAMES LAWRENCE, b. Billings, Mont. Feb. 24, 41; m. 67; c. 1. AGRICULTURAL ECONOMICS. B.S., Mont. State Col., 64; Nat. Defense Ed. Act fel., Okla. State, 65-68, M.S., 66, Ph.D. (agr. econ), 69. Res. asst. AGR. ECON., Okla. State, 64-65, 67-68; ASST. PROF., MISSION IN COLOMBIA, UNIV. NEBRASKA, 68- U.S.M.C.R., 58-64. Econ. Asn.; Economet. Soc.; Agr. Econ. Asn. Marketing of agricultural products, especially grains; agricultural development, especially consumer preferences, grading and standards. Publ: Co-auth., Structural changes in the grain marketing industries of Oklahoma and Texas, 1959-1964, Okla. Agr. Exp. Sta., 68 & Considerations of marketing change in Colombia, Agricultura Tropical, Bogotá, Colombia, 11/69. Address: UNEBRASKA, Apartado Aereo 12031, Bogotá, Colombia, S.Am.
- DRONAMAJU, DR. KRISHNA RAO. Evolutionary Theory & Genetics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- DRURY, PROF. DORIS M., b. Louisville, Ky., Nov. 18, 26. ECONOMICS. B.S., Louisville, 55; M.B.A., 57; Resources of Future, Inc. fel., Indiana, 61-62, M.A. & Ph.D., 64; Gen. Elec. Found. fel., Chicago, 63. Instr. econ., Louisville, 55-58; teaching assoc., Indiana, 59-60; instr. exten., 61-62; regional dir., State Bd. Tax Cmn., Ind., summer 60, from instr. prof. ECON., Wyoming, 62-63; asst. prof. & coordinator, La. State, 63-65; PROF. DENVER, 65-, DIR. DIV. RES., 68- vis. prof., Colorado State, 66-67; Univ. Denver Div. Res. grant, 67- Mem. Assoc. Univ. Bur. Bus. & Econ. Res. Econ. Asn.; Indust. Rels. Res. Asn. Publ: Co-auth., The construction industry in Colorado, Univ. Denver, 69; auth., Accident records in coal mines in the U.S., Indiana Univ.; A management guide to labor law, Von Nostrand Reinhold (in press). Address: College of Business Administration, University of Denver, 2020 S. Race St., Denver, Colo. 80210.
- DUA, DR. PREM S. Psychology, Sociology. See FRY, DR. PREM S., this Suppl.
- DUBEY, PROF. AKHILESH. Economics, Marketing. See A-K Vol., 11th ed, Soc. & Behav. Vols. Change of address: 123 S. 40th St., Philadelphia, Pa. 19104.
- DUBIN, PROF. ROBERT. Sociology. See A-K Vol., 11th ed, Soc. & Behav. Vols. New position & address: Prof. social, sch. soc. sci. & prof. admin. grad. sch. admin., California, Irvine, 63- Address: School of Social Sciences, University of California, Irvine, Calif. 92664.
- DUBNO, DR. PETER. Psychology. See A-K Vol., 11th ed, Soc. & Behav. Vols. New position: Prof. mgt., N.Y. Univ., 69- Address: 85-11 Kent St., Jamaica, N.Y. 11432.
- DU BOFF, DR. RICHARD B. Economic History, Economics. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- DUCE, DEAN LEONARD (ARTHUR). Philosophy, Administration. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- DUCEY, DR. PAUL RICHARD. Anthropology. See A-K Vol., 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, Dept. of Sociology, Youngstown State University, Youngstown, Ohio 44503.
- DUCOFF, DR. LOUIS J. (JOSEPH). Economics. See A-K Vol., 11th ed, Soc. & Behav. Vols. New position: Consult. pop. div., UN, 69- Address: 7667 Maple Ave., Apt. 504, Takoma Park, Md. 20012.
- DUDA, DR. P. DANIEL, b. Springfield, Man., July 15, 38; m. 63; c. 1. PSYCHOL. B.A., Manitoba, 63. M.A., 65; Ph.D. (psychol.), Waterloo, 68. ASST. PROF. PSYCHOL., GUELPH, 67- Sensory processes; perception; quantitative judgmental behavior using sensory psychophysical scaling techniques in adults and children. Address: Dept. of Psychology, University of Guelph, Guelph, Ont., Can.
- DUDEK, DR. STEPHANIE Z. Clinical Psychology. See A-K Vol., 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., Montreal, 70- Address: 3476 Vendome Ave., Montreal 28, Que., Can.
- DUDEWICZ, DR. EDWARD J. (JOHN). Statistics. See 12th ed, Phys. & Biol. Vols.
- DUDLEY, DR. DEAN A. (ARTHUR), b. Port Arthur, Tex., Aug. 30, 35; m. 55. ECONOMICS, FINANCE. B.S., Kent State, 57, M.B.A., 59; Stonier fel., Washington, Seattle, 64, D.B.A., 65. Asst. prof. finance, Ohio, 65-67; ASSOC. PROF., Chicago State, 67-68; ECON. & FINANCE, LA. STATE, NEW ORLEANS, 68- Fel. Cent. Banking Seminar, Fed. Reserve Bank, San Francisco, spring 68; Am. Bankers Assn. Ayres fel. grad. sch. banking, Rutgers, summer 68; faculty fel. Southwest. Life Ins. Co. & Am. Risk & Ins. Assn., summer 69. U.S.A.R., 57-, Capt. Econ. Asn.; Finance Asn. Structural problems of U.S. commercial banking; impact of monetary policy on financial institutions. Publ: Co-auth., Personnel reference checking by banks: practices and face validity, Bus. Rev. Univ. Washington, 4-6/64, auth., On the responsibility of the professor to publish, Collegiate News & Views, 3/69 & The goodwill account: accounting recognition of the concept of economic rent, Bus. Rev. Marquette Univ., summer 69. Address: Dept. of Economics and Finance, Louisiana State University in New Orleans, Lake Front, New Orleans, La. 70122.
- DUE, DR. JEAN MARGARET, b. Peterborough, Ont., Sept. 19, 21; m. 50; c. 2. AGRICULTURAL ECONOMICS, ECONOMIC DEVELOPMENT. B.Com., Toronto, 46; M.Sc., Illinois, 50, Ph.D. (econ), 53. Economist, Dom. Dept. Agr., Ottawa, Ont., 48-49; part-time res. assoc. consumer econ., dept. home econ., ILLINOIS, URBANA, 59-61, VIS. PROF. AGR. ECON., 65- Res. assoc., Shoup Tax Cmn. to Venezuela, 58- res. grant agr. develop. proj., in Africa, Midwest Univ. Consortium & Enter. Int. Comp. Studies, Illinois, 68. Consult., Royal Cmn. Can. Econ. Prospects, 56. Econ. Asn.; African Studies Asn. Economic development, especially in Africa. Publ: Changes in consumer goods imports in Sierra Leone—1950-1965, Univ. Illinois Exp. Sta., 67; Agricultural development in Ghana and the Ivory Coast in the 1960s, J. Mod. African Studies, 69; They said it couldn't be done, Can. J. African Studies, (in press). Address: Dept. of Agricultural Economics, University of Illinois, Urbana, Ill. 61801.
- DUEKER, DR. KENNETH J. Civil Engineering. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- DUEL, DR. HENRY JAMES, b. Sauk Center, Minn., June 12, 17; m. 43; c. 3. COUNSELLING & GUIDANCE, EDUCATIONAL ADMINISTRATION. B.S. Ed., Winona State Col., 41; M.S. Washington (St. Louis), 61; Ed.D., 66. Coordinator proficiency measurement, Training Wing, Scott Air Force Base, Ill., U.S. AIR FORCE, 46-47, sr. instr. electronics, 47-48, prin. instr. teacher training, 48-50, chief instr. methods, training anal. & develop., 50-57, training specialist mgt. develop., Hq. D.C., 57-59, chief personnel measurement & training, Hq. Europe, 59-62, CHIEF OF PERSONNEL RES. Hq. D.C., 62- Dr. phil. studies & ad. prof., Southeastern, 66. U.S.N., 42-45. Personnel & Guid. Asn.; Nat. Voc. Guid. Asn. Methods of teaching technical subjects such as electronics; self-evaluation; selection test development; attitude research. Publ: Auth., Human relations for middle managers, Dept. Air Force, D.C., 62; Determining training needs and writing objectives, In: Employee training in the public service, Pub. Personnel Asn., 70. Address: Dept. of Management, Southeastern University, Washington, D.C. 20006.

- DUERFELDT, DR. PRYSE HENRY. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. & head, 69-, Dept. of Psychology, University of Portland, Portland, Ore. 97203.
- DUESENBERY, PROF. JAMES STEMBLE, b. July 18, 18; U.S. citizen. ECONOMICS. A.B. Michigan, 39, univ. fel, 39-41, Social Sci. Res. Coun. fel, 41-46, A.M. 41, Ph.D. 46. Instr. Mass. Inst. Tech, 46; teaching fel. Harvard, 46-48, asst. prof, 48-53, assoc. prof, 53; Fulbright fel, Cambridge, 54-55; PROF. ECON. HARVARD, 57- Ford res. prof, 58-59. Mem. President's Coun. Econ. Adv. 66-68; chmn. bd. dirs, Fed. Reserve Bank Boston, 70- U.S.A.A.F. 42-45. Publ: Business cycles and economic growth, McGraw, 57; co-auth. Cases and problems in economics, 60 & auth. Money and credit: impact and control, 64, Prentice-Hall. Address: Dept. of Economics, Harvard University, Cambridge, Mass. 02138.
- DUEWER, DR. LAWRENCE A. Agricultural Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Agr. economist, U.S. Dept. Agr. at Purdue Univ, 69-. Address: 1303 Palmer Dr, Apt. 111, West Lafayette, Ind. 47906.
- DUFF, ORVILLE LEE, b. Middletown, Ohio, May 27, 31; m. 53; c. 2. BEHAVIORAL RESEARCH. A.B. Miami (Ohio), 58, M.A. 59; Buffalo, 60-61; Cornell, 64-65. Sr. psychologist, N.Y. Depts. Ed. & Ment. Hygiene, 59-64; indust. consult, Ind. & Ohio, 64-66; dir. org. planning & develop, Cessna Aircraft Co., Kans. 66-68; sr. assoc. Harry J. Wehr & Co., 68. ADMNST. PER. SONNEL RES, RCA CORP, 68- Vis. prof, Miami (Ohio), 64-65. U.S.A.F. 50-53. Organizational behavior; motivation. Publ: Co-auth. Biographical factors in academic under and over achievement, J. Ed. Psychol, 60; & Biographische faktoren in inhrer beziehung zu uer unter der erwartung flieibenden hochschulleistungen, Pädag. Psychologie, 67. Address: Corporate Staff, RCA Corp, Camden, N.J. 08102.
- DUFFIELD, DR. LATHEE F(LAY), b. Collinsville, Okla, Dec. 1, 31; m. 56; c. 4. ANTHROPOLOGY, ARCHAEOLOGY. B.A. Oklahoma, 53, M.A. 63; Nat. Sci. Found. fel. & Ph.D.(anthrop), Wisconsin, 70. Dir. Ark. Mus. Natural Hist. & Antiquities, Lathe Rock, 53-55; asst. curator, Thomas Gilcrease Inst. Am. Hist. & Art, 55-57; res. scientist III, archaeol. salvage proj, Univ. Texas, 58-63; exec. dir, Tex. Archaeol. Res. Lab, 63-64; asst. prof. ANTHROP, Eastern Kentucky, 64-66; ASSOC. PROF, KENTUCKY, 69-. Soc. Am. Archaeol. Anthropol. Assn. Texas prehistory, including Spanish contact period; Kentucky prehistory; paleoecology of man in Texas, including his relationship with vertebrates and soil types; skeletal studies of prehistoric bison. Publ: Co-auth. The Pearson Site: a historic Indian site in Iron Bridge Reservoir, Rains County, Texas, Archaeol. ser, Univ. Tex, 61; auth. The Taovayas Village of 1759: in Texas or Oklahoma, Great Plains J, 65; Verticals: their implications for archeological research, Am. Anthropologist, 70. Address: Dept. of Anthropology, University of Kentucky, Lexington, Ky. 40506.
- DUFFY, PROF. ELIZABETH. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. prof. 69-, Dept. of Psychology, University of North Carolina at Greensboro, Greensboro, N.C. 27412.
- DUFFY, DR. F(RANCIS) R(AMON). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir, 69-, St. Joseph's House, 16th & Allegheny Ave, Philadelphia, Pa. 19140.
- DUGAN, PROF. JAMES E(DWARD). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also Chmn, 69-, Dept. of Economics, University of Colorado, Boulder, Colo. 80502.
- DUGGAL, DR. VED PRAKASH, b. Lahore, Pakistan, June 15, 29; m. 59; c. 2. ECONOMICS. B.A. Panjab, India, 49; M.A. Delhi, 51; Ph.D.(pub. sector econ), Netherlands Soc. Econ, 61. Res. officer, Indian Inst. Pub. Admin. New Delhi, 61-63; asst. lectr. soc. econ. & econ. develop, Glasgow, 63-66; Orgn. Econ. Coop. & Develop. Paris lectureship, Middle East Tech, Ankara, 66-67; ASSOC. PROF. price theory & econ. hist. Windsor, 67-68; MICRO-ECON, MACROECON. & BUS. MGT, INTER-AM. UNIV. P.R. 68- Econ. Assn. Public sector economics and policy. Publ: An enquiry into the organization of public enterprises, Annals Collective Econ, 63; Socialist labour parties and the size of the public sector, Annals Pub. & Coop. Econ, 64; Optimum extent and operation of the public sector, Econ. Int, 66. Address: Dept. of Economics and Business Administration, Inter-American University of Puerto Rico, San Germán, P.R. 00753.
- DUGGAR, DR. IAN W(ARREN), b. Madison, Wis, Oct. 9, 40; m. 62; c. 2. ECONOMICS. B.A. Fla. State, 62, Nat. Defense Ed. Act. fel, 64-67, M.S. 65, Ph.D. 67, Vol. Peace Corps, 62-64; asst. prof. ECON, LA. STATE, BATON ROUGE, 67-69, ASSOC. PROF, 69-. Econ. Assn; Finance Assn. Monetary theory and policy; national income accounts; macroeconomic theory. Publ: International comparisons of income levels: an additional measure, Econ. J, 3/69; co-auth. National bank note redemption and treasury cash. J. Econ. Hist, 9/69 & Federal Reserve proposals for reform of the discount mechanism, South. Econ. J, 10-69. Address: Dept. of Economics, Louisiana State University, Baton Rouge, La. 70803.
- DUGGER, PROF. JAMES G(ORDON). Psychology, Educational Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. psychology & chmn. dept, Metrop. State College, 70-. Address: 12103 E. Louisiana Ave, Aurora, Colo. 80010.
- DUKE, PROF. RICHARD DE LA BARRE, b. Washington, D.C. Dec. 19, 30; m. 56; c. 5. URBAN PLANNING, SOCIAL SCIENCE. B.S. Maryland, 52; B.S. Mich. State, 54, M.U.P. 58; Nat. Sci. Found. fel, Michigan, 62-63, Ph.D.(resources conserv), 64. PROF. city & regional planning, Mich. State, 58-68; REGIONAL PLANNING, MICHIGAN, 68- Mem. bd. dirs, Community Stats. Found, 62-67. Consult, Nat. Cmn. Automation, Tech. & Econ. Progress, 65; Munic. Sci. Res. Inst, Berlin, Germany, 67. C-Eng, 64, 1st Lt. Inst. Planners. Address: 321 Parklake, Ann Arbor, Mich. 48823.
- DUKE, PROF. STEVEN BARRY. Criminal Law & Procedure. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- DULLES, DR. ELEANOR L(ANSING). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New publ: One Germany or two: the struggle at the heart of Europe, Hoover Inst, 70. Address: 1114 Spring Hill Rd, McLean, Va. 22101.
- DUNAWAY, DR. G(EOGE) MILTON, b. Lumpkin, Ga, July 11, 38; m. 57; c. 2. MATHEMATICS, EDUCATION. B.S. Georgia, 59; M. Ed, Mercer, 66; Ed.D. (ed. admin), Auburn, 69. Instr. math, Ga. Mil. Col, 59, Massey Col, 60-61; Gordon Mil. Col, 61; teacher, Crawford County High Sch, 62-64; registr. & dir. admissions, Ga. Southwest. Col, 65-67; coordinator evening prog, AUBURN, MONTGOMERY, 68-69, CHMN. DIV. CONTINUING ED, 69- Educational finance, particularly in junior colleges. Address: 1833 Grove Hill Lane, Montgomery, Ala. 36106.
- DUNBAR, PROF. J(OHN) O(RVAL). Agricultural Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. dir, Ind. Coop. Exten. Serv, Purdue, 69-. Address: Purdue University, Agricultural Administration Bldg, West Lafayette, Ind. 47906.
- DUNCAN, PROF. HARRY A. Journalism. See 5th ed, Dir. Am. Scholars, Vol. II, Eng, Speech & Drama.
- DUNKMAN, PROF. WILLIAM E(DWARD). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. prof. econ, Rochester, 68-69; prof. Rochester Inst. Tech, 68-. New Publ: Money, credit and banking. Random, rev. ed, 70. Address: Rochester Institute of Technology, 1 Lomb Memorial Dr, Rochester, N.Y. 14623.
- DUNLAP, DR. HELEN L(ESLIE). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, 69. Address: 1717 E. Newton Ave, Shorewood, Wis. 53211.
- DUNLAP, DR. JACK W(ILLIAM). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Pres, Dunlap & Assocs, Inc, 69-. Address: 7 Sweet Briar Lane, Stamford, Conn. 06905.
- DUNLOP, DR. ROBERT ANDREW, b. Chicago, Ill, Oct. 16, 28; m. 52; c. 3. MANAGEMENT, COMPUTER SYSTEMS. B.S., Purdue, 51, M.S. 57, Ph.D. (indust. rels), 61. Res. asst. TV & radio surv, div. ed. reference, Purdue, 56-58; personnel ops. mgr, Int. Bus. Mach. Corp, 58-61, prof. info. mgr, 61-64, mgr. comput. info. sys. 64-68, mgr. consumer data serv, 68-69; EXEC. V.PRES, LOGISTIC DISTRO-DATA INC, 69-. U.S.N. 51-55. Psychol. Assn. Executive management behavior and their use of computerized information systems; consumer motivation and acceptance of computerized services in the home; management and administration of computer services and computer system development. Publ: Experience register for scientists and engineers, Inst. Elec. & Electronics Engrs. Trans. Eng. Mgt, 3/63; The emerging technology of information utilities, Proc. Conf. Info. Utilities, Univ. Chicago, 12/69; Will the real management information system user please stand up, Comput. Decisions, 1/70. Address: Lake Katonah, R.D. 3, Katonah, N.Y. 10536.
- DUNN, PROF. LLOYD M. Special Education. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. educ. psychol, 70-, College of Education, University of Hawaii, Honolulu, Hawaii 96822.
- DUNN, DR. STEPHEN PORTER. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir, res, Highgate Rd, Soc. Sci. Res. Sta, Inc, 69-. Address: 32 Highgate Rd, Berkeley, Calif. 94707.
- DUPONT, PROF. HENRY JOHN. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. ed, 69-, Dept. of Educational Psychology, University of Hawaii, College of Education, 1776 University Ave, Honolulu, Hawaii 96822.
- DUPRE, DR. WILHELM. Philosophy, Cultural Anthropology. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- DUPREE, PROF. DEMPSEY MIDDLETON, b. Charleston, S.C. Sept. 14, 31; m. 53; c. 5. ACCOUNTING. B.B.A. & M.B.A. Michigan, 56; Earlhart Found. fel, Mich. State, 63-65, Arthur Andersen Found. summer fel. & Ph.D.(acct), 65. Instr. bus, Palmer Col, 58-61; asst. prof. ACCT, South Carolina, 61-63; asst. instr. Mich. State, 63-65; assoc. prof, Parsons Col, 65-67; PROF, CLARION STATE COL, 67-. Found. Econ. Ed. fel, Sun Oil Co, summer 62. Staff acct, C.E. Palmer, Charleston, 58-61; faculty resident, Arthur Andersen & Co, Chicago, Ill, 66-67. U.S.A.F. 51-53; Air Nat. Guard, 54-58, 1st Lt. Inst. Cert. Pub. Acct. Am. Acct. Assn; Finance Assn. Simulative framework for evaluating personal and business investments; new instructional methods and concepts for teaching introductory accounting. Publ: Tax qualified retirement plans for self-employed, Bus. & Econ. Rev. Univ. South Carolina, 2/65. Address: Dept. of Business Administration, Clarion State College, Clarion, Pa. 16214.
- DUPREE, DR. LOUIS. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: American Universities Field Staff, Box 150, Hanover, N.H. 03755.
- DURBIN, DR. MARSHALL ELZA. Anthropology, Linguistics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, 69-, Dept. of Anthropology, Washington University, St. Louis, Mo. 63130.
- DURHAM, DR. G(EOGE) HOMER. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Cmnr. & exec. officer, 69-, Utah System of Higher Education, 1201 University Club Bldg, Salt Lake City, Utah 84111.
- DUROSS, HAROLD JAMES, b. Syracuse, N.Y. Sept. 23, 17; m. 42; c. 2. GEOGRAPHY. B.S. Syracuse, 47; M.A. Kent State, 49; dipl, Air War Col, 66. Res. asst, Kent State, 48-49; analyst, hg, U.S. Air FORCE, WASH. D.C. 50-58, asst. dir. targets, tactical air command hg, 58-59, OPERS. ANALYST, HQ, 80-. U.S.A.A.F. 42-45, Sgt. Geography of the Union of Soviet Socialist Republic. Address: 6403 Lakeview Dr, Falls Church, Va. 22041



DUSHKIND, DR. DONALD S(TANFORD). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Practicing psychologist & marriage counsellor, 70-. Address: 290 Tamala Road, Fairfax, Calif. 94930.

DU TOIT, DR. BRIAN MURRAY. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. 69-, Dept. of Anthropology, University of Florida, Gainesville, Fla. 32601.

DUTT, DR. ASHOK K. Geography, Regional Planning. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. geog. & urban studies, 69-, University of Akron, Akron, Ohio 44304.

DUTTON, DR. DEAN S. b. LaVerkin, Utah, June 23, 38; m. 69. ECONOMICS. B.A. Utah, 64; M.A. Mich. State, 66, Ph.D.(econ), 68. Asst. prof. ECON. Iowa, 67-68; v. asst. prof. econ. Tex. A&M, 70; ASST. PROF. BRIGHAM YOUNG, 70. U.S.A. 61-62; Sgt. Econ. Assn; Economet. Soc. Monetary theory; inflation. Publ: A model of self generating inflation: the Argentine case, J. Money, Credit & Banking, (in press). Address: 318 JKB, Brigham Young University, Provo, Utah 84601.

DUTTON, PROF. EDWARD P. b. Julesburg, Colo, Dec. 4, 24; m. 50; c. 2. COMMUNITY ORGANIZATION, SOCIAL WORK. B.A. California, Berkeley, 52; M.S. Columbia, 55; Wayne State, 57. Exec. dir. soc. work, Presby. Boys' Club, 54-56; social worker, Grosse Pointe Woods Community Club, 56-58; soc. planner, Fresno Community Coun, 58-60; United Community Fund of San Francisco, 60-63; prog. dir, Ford Found. Oakland Interagency Proj, 63-65; exec. dir, Calif. Center Community Development, 65-67; ASSOC. PROF. SOC. WORK, FRESNO STATE COL., 67. Lectr. California, Berkeley, 63-65; dir. urban affairs, exten, California, Berkeley 65-66; instr, California, Davis, Riverside, San Diego & Santa Cruz, 66-69. Mem. Nat. Cmt. Extend Nat. Labor Rel. to Farm Workers, 66-68. U.S.A. 43-46, Sgt. Nat. Assn. Soc. Workers; Coun. Soc. Work Ed. Community organization and development, including comprehensive social planning and grass roots organizing for self-help projects. Publ: Automation—a challenge to recreation, Recreation, 10/54; co-author, A symposium on community development in California, Visalia, Calif, 62. Address: Dept. of Social Work, Fresno State College, Fresno, Calif. 93726.

DUTTON, PROF. JOHN MASON. Industrial Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. planning & res. School of Business Administration, Southern Methodist University, Dallas, Tex. 75222.

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- EGNER, DONALD OTTO. Physics, Operations Research. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
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- EHRlich, DR. ROBERT S. Modern & Early History of Ideas. See 5th ed, Dir. Am. Scholars, Vol. 1. Hist. New position & address: Asst. prof. soc. sci., 68-, College of Basic Studies, Boston University, Boston, Mass. 02215.
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- search, especially in the area of personality-social; creativity; birth order. Publi: Creativity, awareness, and liking; J. Consul. & Clin. Psychol. 69; The psychology of modern art, In: New outlooks in psychology. Philos. Libr., 69; Values and attitudes in adolescence, In: Understanding adolescence, Allyn & Bacon, 69. Address: Dept. of Psychology, Temple University, Philadelphia, PA. 19122.
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- EISNER, DR. HOWARD. Electrical Engineering, Operations Research. See Suppl. V to 11th ed, Phys. & Biol. Vols.
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- ELAZAR, PROF. DANIEL J(UDAH). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New publ: Cities of the Prairie, Basic Bks, 69; Cooperation and conflict: a reader in American federalism, Peacock Press, 69; Ha mishtar ha federali b'artot ha brit: mekorot v'maamarim, Academic Press, 1 & II, 69. Address: Center for the Study of Federalism, Temple University, 1947 N. Broad St, Philadelphia, PA. 19122.
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- ELINSON, DR. J(ACK). Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. sociomed. sci., Columbia, 69-. Address: 560 Riverside Dr, New York, N.Y. 10027.
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- ELLING, DR. KARL ALWIN, b. Hannover, Germany, Mar. 10, 35; m. 58; c. 2. MARKETING MANAGEMENT. B.S. Utah, 60, M.S., 62; dipl. mkt. mgt., European Inst. Bus. Admin., 61; Ph.D. (psychol. admin), N.Y. Univ. 65. Asst. prod. mgr., Planet Film Co., 52-55; res. asst. econ. psychol., Utah, 59-61; N.Y. Univ. 59-62; instr. statist. mkt. City Univ. New York, 63-65; asst. prof. mgt. psychol., N.Y. Univ. 65-67; ASSOC. PROF. QUANT. METHODS, ST. JOHN'S (N.Y.), 68-. State Tech. Serv. Bur. grant, 67. Consult. Bronx Bus. Develop. Corp., 65. U.S.A., 55-58. Mkt. Assn.; Mgt. Assn.; Personnel & Guid. Assn.; Nat. Voc. Guid. Assn. Development of domestic and international economic models and personnel systems. Publi: Introduction to modern marketing, 69 & co-auth, Marketing projects and problems, 69, Macmillan; auth, Personnel systems, New Century, 71. Address: Dept. of Quantitative Methods, St. John's University, Jamaica, N.Y. 11432.
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- ELLIOTT, PROF. RICHARD M(AURICE). Psychology. See 11th ed, Soc. & Behav. Vols., deceased 69.
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Court; sociology of intellectual knowledge. Publ: The Peacock Syndrome: barriers to economic development in Egypt. Pub. Policy, 15: 212; Gullt and overguilt: some reflection on moral stimulus and paralysis. Ethics, 78: 247; Prometheus, Proteus, Pandora, and Procrustes unbound: the political consequences of reapportionment. Univ. Chicago Law J. 70. Address: Pitzer Hall, Claremont Men's College, Claremont, Calif. 91711.

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ELMORE, DR. THOMAS MORRIS, b. Wilson, N.C. Dec. 28, 26; m. 56; c. 3. PSYCHOLOGY, EDUCATION. B.A. Wake Forest, 56; M.A. George Peabody Col, 57; Ph.D. (psychol), Ohio State, 62; summer, Minnesota, 68. Teacher, high sch. N.C. 58; counslr. N.C. State, 57-59; asst. prof. COUSLING PSYCHOL. DEPT. ED. WAKE FOREST, 62-67, ASSOC. PROF. 67-, DIR. COUNSLR. ED. & COUNSLR. TRAINING, 70-, dean students, 62-70. Nat. Defense Ed. Act Counseling & Guid. Training Inst. N.C. State, summer 59. U.S.N. 44-46. Psychol. Asn; Personnel & Guid. Asn. Psychological anomalies; Counseling psychology. Publ: The development of a scale to measure psychological anomalies, 65; & Anomie, personality and existential neurosis, 67, Am. Psychol. Asn. Proc. Address: Dept. of Education, Box 7266 Reynolds Station, Wake Forest University, Winston-Salem, N.C. 27109.

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EMCH, DR. ARNOLD F. Philosophy. See 5th ed; Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.

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and technology, science policy and organization. Publ: Ed, The security of the free world, Wilson, 60. Address: Office of Foreign Secretary, National Academy of Sciences, 2101 Constitution Ave. N.W., Washington, D.C. 20418.

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ENGLER, DR. WALBURGA VON RAFFLER. Linguistics. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang. Ling. & Philol.

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- ERICKSON, DR. DUANE EDWARD, b. Fergus Falls, Minn., Dec. 3, 31; m. 53; c. 4. AGRICULTURAL ECONOMICS, ECONOMICS. B.S. N.Dak. State, 53; M.S. Minnesota, St. Paul, 59, Ph.D.(agr. econ), 62. Instr. pub. sch. dist. N.Dak. 55-57; res. asst. agr. econ, Minnesota, St. Paul, 57-61, exten. economist & instr. farm mgt, 61-62; asst. prof. FARM MGT, ILLINOIS, URBANA, 62-67, PROF. 67-, EXTEN. ECONOMIST, 62. Consult. U.S. Agency Int. Develop. J. Nehru Agr. Univ., India, 68. U.S.A. 53-55, 1st Lt. Agr. Econ. Assn; Soc. Farm Mgr. & Rural Appraisers. Economics of livestock production systems, especially economics of confinement beef cattle feeding; farm business planning techniques using computer linear programming. Publ: Co-auth. Summary of Illinois farm business records-commercial farms: production costs, income, investments, 6/63 & Making profitable farm business changes through education, 4/67, Univ. Illinois Coop. Exten. Serv.; auth. Role of Illinois test demonstration farm program in farm management extension education activities, J. Farm Econ, 12/66. Address: 303 Mumford Hall, University of Illinois, Urbana, Ill. 61801.
- ERICKSON, DR. EUGENE C(URTISS), b. Enderlin, N.Dak. Oct. 25, 30; m. 53; c. 5. SOCIOLOGY. B.S. N.Dak. State, 53, M.S. 56, Ph.D.(sociol), Mich. State, 62. Instr. rural social, Washington State, 61-62, asst. prof. sociol, 63-67; ASSOC. PROF. RURAL SOCIOLOGY, CORNELL, 67- Asst. rural sociologist, Washington State, 62-67; vis. prof. W.Pakistan Agr. Univ, 64-66. Consult. west. regional div, Am. Pub. Health Serv, 62-64; mem. Adv. Cmt. for Comprehensive State Wide Planning Voc. Rehab. Serv, 67-69; participant, Sci. & Tech. Seminar, 68. Sociol. Assn; Rural Sociol. Soc; Anthropol. Assn; Soc. Appl. Anthropol. Community and regional development, especially community and regional leadership systems and structure and distribution of power; dynamics of community and regional development and modes of individual and small group decision making. Publ: Co-auth. Institutional and occupational representations in eleven community influence systems, 6/61 & The reputational technique as a measure of community power: an evaluation based on comparative and longitudinal studies, 6/62, Am. Sociol. Rev; auth. Social characteristics of agricultural innovators in two Punjabi villages in West Pakistan, Rural Sociol, 12/67. Address: Dept. of Rural Sociology, Cornell University, Ithaca, N.Y. 14850.
- ERICKSON, DR. FREDERICK DAVID, b. Rhinelander, Wis, Nov. 12, 41. EDUCATION, ANTHROPOLOGY. B. Mus. Northwestern, 63, M. Mus, 64, Ph.D. (ed. admin. & anthrop), 69. Mem. staff. appl. anthrop. & ed. Sears-Roebuck CO., CHICAGO, 66-68. ASST. PROF. ED. ILLINOIS, CHICAGO CIRCLE, 68-, DIR. INTER-ETHNIC COMMUNITY STUDY PROJ, 70- Res. grants, Stone Found, 64-66, U.S. Off. Ed, 66-68 & Nat. Inst. Ment. Health, 70-73. Consult. race rels. & soc. change, Ill. Cmn. Human Relts, 66-70. Mem. grad. training planning cmt, Coun. Anthropol. & Ed, 70. AAAS: Anthropol. Assn; Ed. Res. Assn. Ethnomusicology: urban anthropology and education; ethnic and institutional styles of language, rhetoric, logic, ethnoecology and non-verbal communication. Publ: Discussion behavior in the black ghetto and in white suburbia, Northwestern Univ, 69; F't get you, honky: a new look at black dialect and the schools, Elem. Eng, 4/69; A new model for urban independent schools, In: New models for public education, Prentice-Hall, 70. Address: College of Education, University of Illinois at Chicago Circle, Box 4348, Chicago, Ill. 60680.
- ERICKSON, DR. KENNETH A. b. Portland, Ore, Jan. 22, 34; m. 54; c. 3. GEOGRAPHY. B.S. Oregon, 56, M.A. 59; Resources for Future fel, California, Berkeley, 62-63, Ph.D.(geog.), 65. Planner, Portland City Planning Cmn, Ore, 58-60; asst. prof. Cent. West. State Col, 63-66, assoc. prof, 68; Nat. Acad. Sci. foreign field rel. fel, Sweden, 66-67; docent, Uppsala, fall 67; ASSOC. PROF. GEOG. COLORADO, 68- U.S.A. 57, Capt. AAAS: Assn. Am. Geog.; Am. Geog. Soc; Swedish Soc. Anthropol. & Geog. Address: Dept. of Geography, University of Colorado, Boulder, Colo. 80302.
- ERICKSON, ROLAND AXEL. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 11 Skyridge Rd, Greenwich, Conn. 06830.
- ERLANDSON, DR. GORDON WHITFIELD, b. Lowry, Minn, Sept. 10, 23; m. 50. AGRICULTURAL ECONOMICS. B.S. Minnesota, 59, M.S. 62, Ph.D.(dairy mkt), 68. Res. asst. AGR. ECON. Minn, 59-65; asst. prof., DAK. STATE, 65-69, ASSOC. PROF. 69- Econ. Assn; Agr. Econ. Assn. Fluid milk processing and distributing cost analysis. Address: Dept. of Agricultural Economics, North Dakota State University, Fargo, N.Dak. 58102.
- ERLER, DR. RAYMOND L. b. Sreator, Ill, Sept. 24, 37; m. 68. ECONOMICS, MANAGEMENT SCIENCE. B.S.M.E. Bradley, 59; M.B.A. California, Los Angeles, 61, M.A. 66, Ph.D. (bus. admin), 69. Res. engr, N.Am. Rockwell Corp, 59-61; assoc. Planning Res. Corp, 61-64, sr. assoc, 64-67; dir. econ. anal. Int. Develop. Corp, Litton Indust, 67-70; BUS. CONSULT, 70- Consult, Rand Corp, 70- Res. engr, California, Los Angeles, 60-61, assoc, sch. bus, 68; asst. prof. sch. bus, San Fernando Valley State Col, 69- Financial and investment analysis. Address: 2415 Nalin Dr, Bel Air, Calif. 90024.
- ERLICK, DR. DWIGHT E(DMUND). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dep. chief soc. sci. group, Nat. Bur. Standards, 69- Address: 10104 Little Pond Place, Apt. 4, Gaithersburg, Md. 20760.
- ERON, PROF. LEONARD D. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Psychology, University of Illinois at Chicago Circle, Chicago, Ill. 60680.
- ERSKINE, DR. HELEN, b. Oyen, Alta, Apr. 22, 16. PSYCHOLOGY. B.A. British Columbia, 48, M.A. 50; Ph.D.(human develop), Chicago, 56. Intern psychol. testing, Jewish Soc. Serv, 56-57; clin. child psychologist, Inst. Juvenile Res, Ill, 57-60; clin. psychologist, Ill. Inst. Tech, 61-63; asst. prof. Brain Damaged Children Center, Johns Hopkins Hosp, 63-64; assoc. prof. psychol, Rhode Island, 64-67; dir. Center Develop. Serv-Retardation, D.C. Dept. Health, 67; RES. PSYCHOLOGIST, U.S. DEPT. JUSTICE, 68- Clin. psychologist, Ment. Health Clin, Gary, Ind, 60-61. Lectr. exten. dept, Rhode Island, 64-67. Coordinator in serv. training grant & consult. psychol, Joseph E. Ladd Sch, R.I., 64-67. Med.C. Can. Army, 43-46, Lt. Psychol. Asn. Biological correlates of behavior; relationships at the national level among various health, cultural and crime indices. Publ: Basic facts about retardation, State of Rhode Island, 68. Address: 520 N St. S.W., Washington, D.C. 20024.
- ERTELL, PROF. MERTON W(ILLIAM). Economics, Industrial Relations. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: V.chancellor univ. wide activities, State Univ. N.Y. Albany, 69- Address: 2 Monroe Court, Guilderland, N.Y. 12084.
- ERVIN, DR. JEAN CONYERS, b. Morganton, N.C., June 15, 09. SPEECH PATHOLOGY, AUDIOLOGY. B.A. Converse Col, 30; N.C. Sch. for Deaf, 30-31, M.A. Columbia, 42; Ph.D. (speech), Mississippi, 50. Teacher, N.C. Sch. for Deaf, 31-32 & 44; S.Dak. Sch. for Deaf, 32-34; Utah Sch. for Deaf, 34-37; N.J. Sch. for Deaf, 37-41; instr. speech path. & asst. dir. speech & hearing center, 44-46; instr. speech, Hawaii, 46-47; Missouri, 47-50; instr. speech path, Connecticut, 50-51, asst. prof, 51-55; dir. speech & hearing clin, 50-55; supvr. speech & hearing, Arlington County Pub. Schs., Va, 55-66; lectr. speech path. & audiol. Virginia, 68-67, ASSOC. PROF. SPEECH & DR., DEAF ED, 67- Assoc. prof. & acting dir. speech & hearing clin, Missouri, 53; assoc. prof. New Haven Teachers Col, 56; lectr. George Washington, 58. Mem. Nat. Conf. on Ed. of Deaf, 67; consult. Va. State Dept. Ed, 68. Speech & Hearing Assn. Programmed instruction in auditory discrimination and in education of hearing impaired, Mark Twain: speechmaker. Publ: Co-auth. Guide to better hearing, Conn. State Dept. Ed, 57 & An automated program in speech therapy, manual and tapes, Inst. Mod. Lang, 66; auth. Speech improvement in the elementary schools, Speech Teacher, 68. Address: Dept. of Speech Pathology & Audiology, University of Virginia, Charlottesville, Va. 22903.
- ERVIN-TRIPP, PROF. SUSAN, b. Minneapolis, Minn, June 29, 27; m. 64; c. 2. PSYCHOLINGUISTICS. B.A. Vassar Col, 49; Margaret F. Washburn fel. & M.A. Michigan, 50, Soc. Sci. Res. Coun. fel. & Ph.D.(social psychol), 55; summers, Harvard, 50, Ling. Soc. Insts, 53-54. Study dir, Bur. Soc. Sci. Res, D.C. 51-53; instr. psychology, Harvard Sch. Ed, 55-58; vis. asst. prof, CA, CALIFORNIA, BERKELEY, 58-59, asst. prof. SPEECH, 59-64, assoc. prof, 64-68, PROF. 68- Grants, Nat. Sci. Found, 59-62, Nat. Insts. Health, 59-63; Soc. Sci. Res. Coun. fel, 64-65; Office Ed. contract, 67-68. Mem. socio-ling. cmt, Soc. Sci. Res. Coun, 66- Psychol. Assn; Ling. Soc. Nat. Acad. language; sociolinguistics. Publ: Imitation and structural change in children's language, N. Am. J. Psychol, 67; Study in Lang, 68; Language development, In: Vol. 2. Review of child development research, Russell Sage, 68; Sociolinguistics, Advances Exp. Social Psychol, 68. Address: Dept. of Rhetoric, University of California, Berkeley, Calif. 94720.
- ERYASA, DR. YILMAZ. Anesthesiology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- ESCH, DR. LYND J. Anthropology, Human Geography. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. dir. ave. marine tech. div, Litton Industs, 69- Address: 4409 Pepperwood Ave, Long Beach, Calif. 90808.
- ESCHER, PROF. ALBERT J(OSEPH), b. Chicago, Ill, Apr. 23, 10; m. 34; c. 2. ECONOMICS, BUSINESS ADMINISTRATION. B.S.B.A. Northwestern, 46, M.B.A. 53. Bus. mgr, Am. Inst. Baking, 55-60; ed. & personnel mgr, Parke, Davis & Co, 60-65; ASSOC. PROF. ECON. & BUS. ADMIN., IRR FATH PARK COL, 65- Lectr. Northwestern, 46-66. Admin. Mgr. Soc. Fringe benefits, their scope, costs, portability and coverage available to dependents upon death of employee; employee motivation. Publ: Making decisions, 83, Effective communications, 84 & co-auth. How 325 companies control their group insurance and pension costs, 67, Dartnell Corp. Address: Dept. of Economics, North Park College, Chicago, Ill. 60625.
- ESPOSITO, DR. LOUIS, b. Brooklyn, N.Y., Aug. 27, 41; m. 68. ECONOMICS. B.A. St. Peter's Col.(N.J.), 63; M.A. Boston Col, 67, Ph.D.(econ), 68. Instr. ECON. MASSACHUSETTS, BOSTON, 67-68, ASST. PROF. 68- Summer consultant, U.S. Bur. Budget, 69. Econ. Assn. Health care economics; industrial organization. Address: Dept. of Economics, 100 Arlington St, University of Massachusetts, Boston, Mass. 02116.
- ESSEKS, DR. JOHN DIXON, b. New York, N.Y., Dec. 24, 38; m. 63; c. 2. POLITICAL SCIENCE. A.B. Oberlin Col, 60; A.M. Harvard, 63, fel, 64-66, Ph.D.(polit. sci), 67. ASST. PROF. POLIT. SCI., Wis. State, Oshkosh, 66-68; NORTHERN ILLINOIS, 68- Polit. Sci. Assn; African Studies Assn; African Law Assn. Am. United States relations with new states of tropical Africa; Soviet-African relations; role of government in economies of developing countries; economic decolonization in Africa. Address: Dept. of Political Science, Northern Illinois University, DeKalb, Ill. 60115.

- ESSER, DR. ARISTIDE HENRI. Psychiatry, Comparative Psychology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- ESTEY, PROF. SAMUEL D. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- ESTES, DR. KATHERINE WALKER. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Adj. prof. child develop, 70-, Graduate Center, City University of New York, 33 W. 42nd St, New York, N.Y. 10036.
- ESTES, DR. RALPH W., b. Powell Co, Ky, Aug. 13, 35; m. 61. BUSINESS ADMINISTRATION. B.S. Kentucky, 59, Earhart fel. & M.B.A. 63; Earhart fel. & D.B.A. (acct, econ. anal), Indiana, 67. Sr. acct, Arthur Andersen & Co, 59-62; summer prof. ACCT. & ECON, TEXAS, ARLINGTON, 66-68, ASSOC. PROF, 68- Summer vis. prof, Northeastern, 69. Am. Acct. Assn; Inst. Decision Sci. Social responsibilities of business and businessmen; international financial reporting and analysis. Publ: Professional education for the mature accountant, Can. Chartered Acct, 3/68; The accountant's social responsibility, J. Accountancy; A study of the utility of current cost and price-level information, J. Acct. Res, fall 68. Address: School of Business Administration, University of Texas at Arlington, Arlington, Tex. 76010.
- ESTLE, DR. EDWIN F(RANK). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Economist, 69-, New Eng. Tel. Co, 185 Franklin St, Room 1005A, Boston, Mass. 02107.
- ESTUS, DR. CHARLES WILSON. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof, 68-, Dept. of Sociology, Assumption College, 500 Salisbury St, Worcester, Mass. 01609.
- ETZKORN, PROF. K(LAUS) PETER. Sociology, Ethnomusicology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Chmn, 69-, Dept. of Sociology & Anthropology, University of Missouri-St. Louis, St. Louis, Mo. 63121.
- EUBANKS, PROF. CAROLL W., b. Trout, La, Oct. 23, 19; m. c. 3. GUIDANCE, COUNSELING. B.S. Southwest La. Inst, 43; B.S. La. State, Baton Rouge, 47, M.S., 54, Ph.D. (guid. & voc. ed), 59. Teacher, high schs, Oregon & La, 47-52; elem. schs, La, 53-57; state dir. guid, Dept. Ed, La, 59-66 & 67-68; coordinator of res, Gulf South Res. Inst. Baton Rouge, 66-67; PROF. PSYCHOL. & HEAD DEPT. PSYCHOL. & COUNSR. ED, NICHOLLS STATE COL, 68- Dir. Leadership Training for Disadvantaged, 69. U.S.M.C. 43-46. Personnel & Guid. Assn; Nat. Voc. Guid. Assn; Assn. Counsr. Ed. & Supv. Vocational guidance; choice of occupations and the relationship of personality to making adequate choices. Address: Dept. of Psychology & Counselor Education, Nicholls State College, Thibodaux, La. 70301.
- EUBANKS, PROF. CLIFFORD L., b. Manila, Ark. Mar. 15, 38; m. 60; c. 2. MANAGEMENT, ECONOMICS. B.A. Arkansas State, 62; Nat. Defense Ed. Act fel, Arkansas, 62-65, M.B.A., 64, Ph.D. (bus. admin), 67. Mem. staff, Safeway Stores, Inc. Little Rock, Ark., 58-62; asst. prof. MGT, Kansas State, 65-67; PROF. & CHMN. DEPT. MURRAY STATE, 67- Econ. Res. Fd. Found. summer fel, Assocs. Investment Co, Ind, 69. Consult. Gov. of Kansas, 66. U.S.A.R. 56-63. Acad. Mgt; Econ. Assn. Individual and group behavior. Publ: Co-auth, A study of the Kansas ports of entry system, Kans. Legis. Res. Coun, 67; co-auth, Motivation: key to success, J. Kansas State Univ, 6/67; auth, Training and development needs of employees of Western Kentucky business firms, Bus. Dynamics, Murray State Univ, 12/69. Address: Dept. of Management, Murray State University, Murray, Ky. 42071.
- EUBANKS, PROF. JOHN B. Philosophy, World Religions. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- EVAN, PROF. WILLIAM M. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Correction: Prof. sociol. & indust, 66-, Dept. of Sociology, University of Pennsylvania, Philadelphia, Pa. 19104.
- EVANS, DR. BRIAN M., b. Liverpool, Eng. Mar. 28, 38; Can. citizen. GEOGRAPHY, HISTORY. B.A. Cambridge, 60, Ph.D. (geog), 66. Lectr. GEOG, United Col, Winnipeg, 63-66; asst. prof, Guelph, 66-68; ASSOC. PROF, WINNIPEG, 68- Assn. Am. Geog; Can. Assn. Geog; Inst. Brit. Geog. Historical demography and agricultural productivity, especially in Wales. Address: Dept. of Geography, University of Winnipeg, Winnipeg 2, Man, Can.
- EVANS, DR. FRANCIS B., b. Edgerton, Mo, Mar. 15, 35; m. 58; c. 4. EDUCATIONAL RESEARCH. B.F.A. New Mexico, 58; M.A. Northern Arizona, 66; Ed.D. (ed. res), New Mexico State, 69. ASST. PROF. ED, WISCONSIN-GREEN BAY, 69- Ed. Res. Assn. Sociol. Assn. Statistics. Address: Dept. of Education, University of Wisconsin-Green Bay, Green Bay, Wis. 54305.
- EVANS, PROF. FRANKLIN B(ACHELDER). Marketing, Mass Communications. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Medill School of Journalism, Northwestern University, Evanston, Ill. 60201.
- EVANS, DR. JAMES FREDERICK, b. Lacombe, Alta, Apr. 25, 42; m. 64; c. 3. SOCIAL PSYCHOLOGY. B.A. Alberta, 64, M.A. 66, Ph.D. (psychol), 68. ASST. PROF. PSYCHOL, LAKEHEAD, 68- Am. Psychol. Assn; Can. Psychol. Assn. Social motivation; competition. Publ: Co-auth, Inhibitory effects of post trail stimulation on classical eyelid conditioning under partial reinforcement, Psychonomic Sci, 12/65; co-auth, Familiarization, social facilitation and group discussion effects on risk taking, 4/68 & auth, Components of motivation in a competitive situation, 4/69, Can. Psychologist. Address: Dept. of Psychology, Lakehead University, Thunder Bay, Ont, Can.
- EVANS, PROF. LEE S. Management. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Arapaho Ranch, Eldora, Colo. 80437.
- EVANS, DR. RAND B(OYD). Psychology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- EVANS, PROF. RICHARD VIRDIN. Industrial Engineering. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Business Administration, 350 Commerce West, Urbana, Ill. 61801.
- EVANS, DR. RODNEY E(ARL). Business Administration, Marketing. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 70-, Dept. of Marketing, University of Oklahoma, Norman, Okla. 73069.
- EVANS, DR. THOMAS RICHARD. Physiological Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- EVERS, PROF. HANS-DIETER. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also assoc. dir. prog. comp. social, 69-, Dept. of Sociology, Yale University, New Haven, Conn. 06520.
- EWERS, DR. JOSEPH R. Business Economics, Finance. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Pres, Fed. Home Loan Bank of Indianapolis, 69- Address: 121 S. Smith Rd, Bloomington, Ind. 47405.
- EWING, DR. JOHN S. Business Management, Marketing. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Vis. prof, 70-, Graduate School of Business, University of Santa Clara, Santa Clara, Calif. 95053.
- EYNON, DR. THOMAS GRANT. Criminology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Center for Study of Crime, Southern Illinois University, Carbondale, Ill. 62901.
- EYRE, DR. LAWRENCE A., b. Leeds, Eng. May 3, 30; m. 52; c. 4. GEOGRAPHY, ENVIRONMENTAL SCIENCE. B.A. Univ. London, W.I. 61; Commonwealth bursary, Southampton, 62, Dipl. Ed, 63; M.S. West Indies, 67. Ph.D. (geog), Maryland, 69. Cartog. adv, Jamaica Surv. Dept, 56-58; acting lectr. geog. & cartog, West Indies, 65-66; instr. GEOG, Maryland, 67-68; ASST. PROF, FLORIDA ATLANTIC, 68- Res. analyst, Arctic Bibliog. Proj, 66-70; cartog. & res. asst, U.S. Nat. Atlas Proj, 67-68. Assn. Am. Geog. Royal Geog. Soc; Jamaica Geog. Soc. Analysis of population and environmental systems. Publ: New geography of the Caribbean, George Philip, London, 62, 63 & 66; Geographic aspects of population dynamics in Jamaica, Florida Atlantic Univ, 70; Census analysis and aerial photography, Photogrammetric Eng, 5/70. Address: Dept. of Geography, Florida Atlantic University, Boca Raton, Fla. 33432.
- EZELL, DR. DEE EARL, b. Jena, La, Apr. 27, 22; m. 44; c. 1. MANAGEMENT. B.S. Texas Christian, 44; A.B. George Washington, 63, M.S. 65; Ph.D. (pub. admin), American Univ, 68. Asst. dir. document pub. center, Staff & Command Col, Marine Corps Ed. Center, 61-64; marine adv. amphibious warfare, Chief Naval Opers, 64-65; dir. U.S. Marine Corps res. activities, Center Naval Anal, Rochester Univ, 65-68, assoc. prof. manpower mgt, sch. bus. admin, Northeast La. State Col, 68-70, dir. center exec. develop, 69-70; ASSOC. PROF. MGT, COL. BUS. ADMIN, TEXAS TECH, 70- U.S. Dept. Commerce state tech. serv. grant, Seminar Techniques for Increased Exec. Effectiveness, spring 69, Symp. Indust. Mgt. Methodology, spring 70, U.S.A.R. C, 43-68, Col. (Ret), Opers. Res. Inst. Mgt. Sci. Acad. Mgt. Decision-making models for planning, directing and controlling operations of complex military operations by utilizing computer programmed simulations; study of leadership and the motivational approaches in the organizing and controlling of manpower and its mobilization for complex undertakings. Publ: Field artillery, 64, co-auth, Amphibious vehicles, 65 & auth, Fire support coordination, 67, Govt. Printing Off. Address: Dept. of Management, College of Business Administration, Texas Tech University, Lubbock, Tex. 79406.

## F

- FABIAN, DR. WALTER A(LBERT), JR. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. psychol. California State Col. (Pa). 69- Address: 2403 Cortland Dr, Pittsburgh, Pa. 15241.
- FABREGA, DR. HORACIO, JR., b. Philadelphia, Pa. Jan. 6, 34; m. 57; c. 2. PSYCHIATRY, ANTHROPOLOGY. B.A. Pennsylvania, 56; M.D. Columbia, 60. Instr. psychiat, sch. med, Yale, 61-64; asst, Walter Reed Army Med. Center, 64-66; asst. prof, col. med, Baylor, 66-69; ASSOC. PROF. PSYCHIAT. & ANTHROP. MICH. STATE, 69- Asst. internal med. col. med, Howard, 65-66; vis. fel. Univ. Texas, Austin, 66-67. Consult. to cmnr. & bd, Tex. Dept. Ment. Health & Ment. Retardation, 66-67. U.S.A. 64-66, Capt. Psychiat. Assn; Anthropol. Assn; Interam. Soc. Psychol. Behavioral science in medicine; sociocultural facets of psychiatry. Publ: Co-auth, Ethnic differences in psychopathology II. Specific differences with emphasis on a Mexican-American group, J. Psychiat. Res, 68, Value identification and psychiatric disability: an analysis involving Americans of Mexican descent, Behav. Sci, 9/68 & Psychiatric illness in a small Latino community, Psychiat. 11/68. Address: Dept. of Psychiatry, 308 Linton Hall, Michigan State University, East Lansing, Mich. 48823.
- FABRICANT, DR. B(ENJAMIN). Clinical Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. psychol. & chmn, dept, Fairleigh Dickinson, 69- Address: 18 Chimney Ridge Court, Westwood, N.J. 07675.
- FABRYCY, DR. MARK Z. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, 69-, Dept. of Economics, New York University, New York, N.Y. 10021.
- FAGAN, PROF. BRIAN M., b. Birmingham, Eng, Aug. 1, 36; m. 69. ANTHROPOLOGY, ARCHAEOLOGY. B.A. Cambridge, 59, M.A. & Ph.D. (archaeol), 63. Keeper of prehist, Livingstone Mus, Zambia, 59-65; dir. Bantu studies proj, Brit. Inst. Nairobi, 66-66; vis. assoc. prof. ANTHROP, Illinois, Urbana, 66-67; assoc. prof, CALIFORNIA, SANTA BARBARA, 67-69, PROF, 69- Nat. Sci. Found. grants, 68-70. R.N. 54-56, R.N.R. sub. Lt. Fel. African Studies Assn; fel. Royal Anthropol. Inst. Gt. Brit. & Ireland; 63, fel. Royal Geog. Soc. Iron age archaeology and history of Eastern, Central and Southern Africa; multi-media teaching systems. Publ: Southern Africa, Praeger,



- 66, Iron Age cultures in Zambia. *Humanities*, Vol. 1, 87, Vol. II, 69. Address: Dept. of Anthropology, University of California, Santa Barbara, Calif. 93106.
- FAGAN, DR. JOSEPHINE. Philosophy, Psychology. See 5th ed. Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- FAGEN, DR. STANLEY ALAN, b. Brooklyn, N.Y., Nov. 13, 36; m. 62; c. 3. PSYCHOLOGY, EDUCATION. B.S. Brooklyn Coll. 57; M.A. Pennsylvania, 59, Ph.D. (psychol), 63. Staff psychologist, Walter Reed Gen. Hosp., 63-64, chief child psychologist, 64-66; psychol. training dir., Hillcrest Children's Center & Children's Hosp., D.C., 66-69. RES. DIR. PSYCHOED, HILLCREST CHILDREN'S CENTER, 69. Asst. res. prof. George Washington, 67, asst. clin. prof., 68; adj. prof. American Univ., 68. Consult. psychologist, Family Serv. Prince George's Co., Md., 66-; clin. child psychol. consult, Walter Reed Hosp., 69. Med.Serv.C., U.S.A., 61-66, Capt. Psychol. Asn; Coun. Except. Children. Development of self-concept and self-control; teacher training research. Publ: Co-auth, Teaching children self-control, Merrill, 70. Impact of father absence in military families, *Am. J. Orthopsychiat*, 68-69 & Behavior disruption in the classroom, *Proc. Children's Hosp. D.C.*, 69. Address: 1605 Lemontree Lane, Silver Spring, Md. 20904.
- FAGERBERG, DR. ELLIOTT P. b. Portland, Ore, May 20, 25; m. 58; c. 1. POLITICAL SCIENCE, SOCIOLOGY. B.A. Washington (Seattle), 55; M.A., Southern California, 55; Ph.D. (polit. sci.) Geneva, 56. News correspondent, Geneva, 56-58; Mershon res. fel. POLIT. SCI., Ohio State, 66-67; asst. prof., Centre Coll., 67-68; ASSOC. PROF., AUGUSTA COLL., 68. Lectr., Maryland, 63-66. Sig. C.U.S.A., 42-45. Polit. Sci. Asn; Sociol. Asn; Int. Polit. Sci. Asn. International politics and organization; interest groups; political sociology. Publ: The "ancients" and French foreign policy, *Pres. de Savoie*, 66. Address: 703 Westminster Court, Augusta, Ga. 30904.
- FAGO, DR. GEORGE C. b. Warren, Pa, July 5, 43; m. 67. PSYCHOLOGY. A.B. Franklin & Marshall Coll., 65; M.S. Pittsburgh, 67, Ph.D. (psychol), 69. RES. ASSOC. PSYCHOL. PITTSBURGH, 69. Psychology of learning, particularly discrimination learning and punishment; classical conditioning and the comparative psychology of learning. Address: Dept. of Psychology, University of Pittsburgh, Pittsburgh, Pa. 15213.
- FAHS, DR. IVAN JOEL. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position and address: Med. sociologist, 69. College of Medical Sciences, University of Minnesota, Minneapolis, Minn. 55440.
- FAILS, DR. EMOL AT(WOOD). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Pres, 68-. Falls Management Institute, P.O. Box 5486, Raleigh, N.C. 27607.
- FAIR, DR. DARYL R(USSELL). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. & acting chmn, 70-. Dept. of Political Science, Trenton State College, Trenton, N.J. 08625.
- FAIR, DR. RAY CLARENCE, b. Fresno, Calif., Oct. 4, 42; m. 63. ECONOMICS. B.A. Fresno State Coll., 64; Ph.D. (econ), Mass. Inst. Tech., 68. ASST. PROF. ECON., PRINCETON, 68. Econ. Asn; Statist. Asn. Macro-economic models; economic forecasting; estimation procedures; income distribution; employment demand. Publ: The short-run demand for workers and hours, *Nord-Holland*, 69; The estimation of simultaneous equation models with lagged endogenous variables and first order serially correlated errors, *Econometrica*, 70. Address: Dept. of Economics, Princeton University, Princeton, N.J. 08540.
- FAISON, DR. EDMUND W(INSTON) (JORDON), b. Oct. 13, 26; m. 48; c. 3. MARKETING, PSYCHOLOGY. A.B. George Washington, 48, M.A. 50, Ph.D. (exp. & soc. psychol), 56. Asst. Nat. Res. Coun. 48-50; res. psychologist, U.S. Air Force, 50-54; mgr. exp. lab., Needham, Louis & Brothly, 54-56; act. exec., Leo Burnett Co., 56-58; pres., Visual Res. Int., 58-62; mkt. specialist, U.S. Agency Int. Develop., Latin Am., 62-68; ASSOC. PROF. MKT., HAWAII, 69-. MKT. DIR. LENNEN & NEWELL, 68-. Consult. ed. J. Mkt., 56-60. U.S.N., 44-46; U.S.N.F., 50-54, 1st Lt. Psychol. Asn. Mkt. Asn. Mass communications: advertising; package design; consumer behavior. Publ: Package research: an aid to design, E.I. du Pont de Nemours & Co., 60; Effects of one and two sided arguments on economic behavior, *Pub. Opinion Quart.* 61; Role of packaging in international advertising, *Int. International handbook of advertising*, McGraw, 64. Address: Dept. of Marketing, University of Hawaii, Honolulu, Hawaii 96822.
- FAKOURI, DR. MOHAMAD E(BRAHIM), b. Kerman, Iran, Aug. 26, 31; m. 66; c. 1. PSYCHOLOGY, EDUCATIONAL PSYCHOLOGY. B.A. Tehran, 55, B.A., 58; M.S. Indiana, Bloomington, 62, Ph.D. (ed. psychol), 64. Instr. psychol., Tehran, 58-60; Prof. ed. psychol., Miami (Ohio), 66-65; PSYCHOL., Nat. Teachers Coll. Iran, 65-66; INDIANA STATE, 66-. Psychol. Asn; Statist. Asn; Ed. Res. Asn. Attitude; attitude change; personality and adjustment; mental health; child development; psychological aspects of social issues; psychological statistics. Publ: Psychological needs of critical patients, *J. Med. Faculty of Tehran*, 10/66; Different views about intelligence, *J. Ed. Res. & Studies*, 11/67; Dissonance theory: A survey of the literature, *Revue de la Faculté des Lettres et des Sciences Humaines*, 11/68. Address: 38 W. Lawrin Blvd, Terre Haute, Ind. 47803.
- FALCO, DR. MARIA JOSEPHINE, b. Wildwood, N.J., July 7, 32. POLITICAL SCIENCE. A.B. Immaculata Coll. (Pa.), 54; Fulbright fel. Florence, 54-55; M.A. Fordham, 58; Ph.D. (polit. sci.), Bryn Mawr Coll., 63. Instr. hist. & polit. sci., Immaculata Coll., 57-60, asst. prof., 60-63; polit. sci., Washington Coll., 63-64; faculty fel. state & local polit., Nat. Center Ed. in Polit., 64-65; res. fel. Yale, 65-66; asst. prof. POLIT. SCI., LE MOYNE COLL. (N.Y.), 66-68, ASSOC. PROF. & CHMN. DEPT., 69. Nat. Sci. Found. summer grant, Internat. Consortium Polit. Res. Univ. Mich., 68. Polit. Sci. Asn; Acad. Polit. & Soc. Sci. American politics; political theory, especially normative and empirical. Publ: The day the bosses fumbled, *Int. Readings in American national government and politics*, Prentice-Hall, 68. Address: Dept. of Political Science, Le Moyne College, Syracuse, N.Y. 13214.
- FALK, DR. LAURENCE HENRY, b. Ft. Collins, Colo., Mar. 25, 29; m. 62; c. 3. ECONOMICS. B.S.B.A., Denver, 52; Ph.D. (econ), La. State, 59. Res. assoc. water resources, La. State, 65-68, Instr. ECON., 68-69; ASST. PROF., RUTGERS, 69-. U.S.A., 46-48. Econ. Asn. Industrial inducements; water resources; microeconomic theory. Publ: Co-auth, The measurement and comparison of costs for alternative water replacement projects, 66 & auth, Economic aspects of ground-water basin control, 70, Water Resources Inst., La. State Univ.; co-auth, Industrial development bonds as a subsidy to industry, *Nat. Tax J.*, 6/69. Address: Dept. of Economics, Rutgers, The State University, New Brunswick, N.J. 08903.
- FALK, DR. MERVYN L. b. Washington, Pa., Oct. 9, 32; m. 56; c. 4. SPEECH PATHOLOGY & CORRECTION. B.A. West Virginia, 55; M.A. Ohio, 56; Ph.D. (speech path), Wayne State, 64. Dir. Hearing & Speech Center, Greenville, S.C., 56-57; League for Better Hearing, New Orleans, La., 57-58; speech correctionist, Muskegon Co. Bd. Ed. Mich., 58-61; instr. spec. ed., WAYNE STATE, 62-63, asst. prof. speech, 64-69; ASSOC. PROF. SPEECH & DIR. SPEECH & HEARING CENTER, 69. Consult. Children's Hosp. Mich., 61-. Sinai Hosp. Detroit, 66-. Speech & Hearing Asn. Cleft palate speech; school speech correction. Publ: An objective approach to heterogeneous group therapy, *J. Commun. Path.*, 4/68; co-auth, Tongue position and hypernasality in cleft palate speech, 4/68 & auth, Several factors which may precipitate the use of pharyngeal flap, 1/70, Cleft Palate J. Address: Speech & Hearing Center, Wayne State University, 5900 Second Ave., Detroit, Mich. 48202.
- FALKENBERG, DR. PHILIPPE R(OY), b. Quebec City, Que., Aug. 25, 34; m. 58; c. 3. EXPERIMENTAL PSYCHOLOGY. B.A. Queen's (Ont), 65; Nat. Def. Ed. Act fel. Duke, 65-68, Nat. Inst. Ment. Health fel., 68-69, Ph.D. (psychol), 70. ASST. PROF. EXP. PSYCHOL., WAKE FOREST, 69-. R.C.A.F., 55-62, Flying Officer. FAAS. Memory processing, Publ: Co-auth, The organization of stimuli and sensory neurons, *Physiol. & Behav.*, 68. Address: Dept. of Psychology, Wake Forest University, Winston-Salem, N.C. 27109.
- FANG, DR. JEFFREY MING-SHAN, b. Tainan, Taiwan, Sept. 15, 40; m. 70. ECONOMICS. B.A. Taiwan, 62; M.A. Washington (Seattle), 65, Ph.D. (econ), 69. Lectr. ECON. & STATIST. WEST WASH. STATE COLL., 68-69, ASST. PROF., 69. Econ. Asn. Economics of education; the economy of Taiwan. Address: Dept. of Economics, Western Washington State College, Bellingham, Wash. 98225.
- FAPOHUNDA, DR. OLANREWAIJU JOSEPH, b. Igararodo Ekiti, Nigeria, Aug. 4, 34; m. 56; c. 3. ECONOMICS. B.Sc. London, 62; Moscow State, 63-64; Cologne, 64-65; M.A. Cornell, 67; M.A. N.Y. Univ., 69, Ph.D. (econ), 70. Lectr. econ. geog., Long Island, 69; ASST. PROF. econ. & statist., Wellesley Coll., 69-70; ECON. IFE, NIGERIA, OCT., 70. Lectr., N.Y. Univ., summer 69. Econ. Asn; Nigerian Econ. Soc. Agricultural labor in developing countries; manpower planning as a means of solving unemployment problems in developing countries. Publ: Current issues and fiscal policy in the United States, *Marginal Ties*, 65 & The kinked supply of migratory labor in the agriculture of underdeveloped countries, *Econ. Develop. & Cultural Change*, (in press). Address: Dept. of Economics, University of Ife, Ife-Ife, Nigeria.
- FARACE, DR. RICHARD VINCENT, b. Baltimore, Md., Feb. 2, 40; m. 61; c. 2. COMMUNICATION. B.A. Lehigh, 62; M.A. Iowa, 63, Ph.D. (mass commun), 65. Res. asst. mass commun, Iowa, 62-65; instr. COMMUN. MICH. STATE, 65-66, asst. prof., 66-69, ASSOC. PROF., 69-. Asn. Ed. in Journalism; Int. Commun. Asn. Communication and national development; organizational communication. Publ: Local news channel predictors in Puerto Rico, *J. Quart.*, 11/68; co-auth, Development patterns in China: 1949-1958, *Econ. Develop. Cultural Change*, 1/69. Address: Dept. of Communication, Michigan State University, 541 S. Kedzie, East Lansing, Mich. 48823.
- FARBER, PROF. MARVIN. Philosophy. See 5th ed. Dir. of Am. Scholars, Vol. IV, Philos. Relig. & Law.
- FARBERMAN, DR. HARVEY A(LAN), b. New York, N.Y., Oct. 22, 39. SOCIOLOGY. A.B. Brooklyn Coll., 61; Ecole Pratique des Hautes Etudes, Paris, 61-62; Ph.D. (sociol.), Minnesota, 66. Instr. SOCIOLOGY, STATE UNIV. N.Y., STONY BROOK, 66-67, ASST. PROF., 67-. Consult., Suffolk County Community Ment. Health Agency, 69-. Sociol. Asn; Soc. Study Social Probs. Symbolic interactionist social psychology; urban social psychology; sociology of knowledge; historical development of sociological theory. Publ: Co-auth, Social psychology through symbolic interaction, *Blaisdell*, 70; co-auth, On the edge of approximation: was Durkheim's theory moving toward the objective of symbolic interaction, 67 & auth, Mannheim, Cooley, and Mead: toward a social theory of mentality, 70, *Social Quart.* Address: Dept. of Sociology, State University of New York at Stony Brook, Stony Brook, N.Y. 11790.
- FARIS, PROF. (JESSE) EDWIN, JR. Agricultural Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Head, 69-. Dept. of Agricultural Economics, Virginia Polytechnic Institute, Blacksburg, Va. 24061.
- FARISH, DR. DONALD JAMES. Zoology, Entomology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- FARLEY, DR. FRANK HOOVER, b. Edmonton, Alta; m. 63. PSYCHOLOGY. B.A., Saskatchewan, 61, M.A., 63; Ph.D. (psychol), 66. Res. asst. psychol., London, 64-68; asst. prof. ED. PSYCHOL., WISCONSIN, MADISON, 66-69, ASSOC. PROF., 69-. PSYCHOL. RES., WIS. RES. DEV. CTR., 69-. PSYCHOL. RES. DEV. CTR. FOR COGNITIVE LEARNING, 67-. Am. Psychol. Asn; Am. Ed. Res. Asn; Can. Psychol. Asn; Psychonomic Soc. Asn. Adv. Behav. Ther. Brit. Psychol. Soc. Individual differences and personality variables in learning and memory in children and adults; effect of motivational variables and physiological changes on human learning and memory consolidation; cognitive and personality structure and development. Publ: Co-auth, The use of mediators in the learning of verbal paired associates, *J. Verbal Learning & Verbal Behav.*, 64; auth, Individual differences in solution-time in error-free problem solving, *Brit. J. Soc. & Clin. Psychol.*, 66 & Reminiscence, performance and per-

- sonality, In: Extraversion-introversion, MacGibbon & Kee, 69. Address: Wisconsin Research & Development Center for Cognitive Learning, University of Wisconsin, 1404 Regent St, Madison, Wis. 53711.
- FARLEY, PROF. RAWLE. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New Publ: Planning for development in Libya: the exceptional economy in the developing world, Praeger Special Studies, 70; The other Americans: Latin American economic problems in perspective, Harper, 71. Address: Dept. of Economics, State University of New York College at Brockport, Brockport, N.Y. 14420.
- FARMER, DR. CHARLES HENRY, b. Littlefield, Tex., July 17, 39; m. 63; c. 1. STATISTICS. B.S. Southwest Texas State, 63; M.A. Texas, Austin, 66, Ph.D.(math), 68. Teaching assoc. math, Texas, Austin, 63-67; engr-scientist, Tractor, Tex. 67-68; ASST. PROF. MATH, TULSA, 68-, dir. environ. res. center, 68-70. Math. consult, Ark. Crime Cmn. & St. Francis Hosp, Tulsa, 69- U.S.A. 57-60, Sgt. Inst. Math. Statist. Use of operations research in optimum use of water resources; statistical hypothesis testing; digital data transmission. Publ: Almost mixing, 69 & A certain sequence of infinite determinants, 70, J. Math. Anal. & Appl; Entropy of Abelian groups, J. Japanese Math. Soc. 70. Address: 4421 S. Harvard St, Tulsa, Okla. 74135.
- FARMER, MALCOLM F(RENCH). Anthropology, Museology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also dir. bilingual-bicultural prog., Whittier Coll, 70- Address: 6164 Southwind Dr, Whittier, Calif. 90601.
- FARNEN, DR. RUSSELL F, JR, b. New Haven, Conn, Apr. 18, 33; m. 54; c. 3. POLITICAL SCIENCE, EDUCATION. B.S. Cent. Conn. State Coll, 56; M.A. George Peabody Col, 57; M.A., Syracuse, 60, Ph.D.(soc. sci), 63. Asst. citizenship, Syracuse, 57-60; from instr. to asst. prof. soc. sci. & hist, Florida, 60-64; exam. soc. studies, Ed. Testing Serv. 64-67; ASSOC. PROF. POLIT. SCI, GEORGE PEAODY COL, 67- Consult, UN. Assn. of U.S. Inc, N.Y. 65-67, dir. for. studies, Inst. Int. Studies, U.S. OI, Ed, 67; seminar on int. studies, For. Policy Assn, 68; annual convention & proj., Nat. Coun. Soc. Studies, 69- Chmn. U.S. & Int. Civic Ed. Cmtes. Int. Assn. Eval. Ed. Achievement, Stockholm, Sweden, 66- U.S.A. 50-51. Polit. Sci. Assn. Am. Studies Assn; Int. Studies Assn. Comparative and cross national political socialization research; measurement evaluation and behavioral research in political science; civic education in the United States; American government. Publ: Co-auth. Government in our Republic, Macmillan, 71 & Nation wide test scores on international and other social studies material, Ed. Horizons, winter 69; auth. The teaching of government, In: Macmillan encyclopedia of education, Macmillan, 70. Address: Dept. of Political Science, Box 160, George Peabody College For Teachers, Nashville, Tenn. 37203.
- FARR, DR. MARSHALL J, b. New York, N.Y. June 1, 28; m. 51; c. 2. PSYCHOLOGY. B.A., N.Y. Univ, 49; fel, New Sch. Soc. Res, 57-58, M.A., 58, Ph.D.(exp. psychol), 67. Res. psychologist, U.S. Naval Training Device Center, Port Washington, N.Y. 60-62, head mass commun. br. 62-64; asst. head eng. psychol, OFF. NAVAL RES, DEPT. NAVY, D.C., 64-69, ASSOC. DIR. PERSONNEL & TRAINING RES. PROGS, 69- Fairleigh Dickinson, 60-61. Psychol. Assn; Human Factors Soc; Interam. Soc. Psychol. Training methods and devices; instructional technology; learning theory; human motivation; human memory; human-factors engineering. Publ: Co-auth. Current status and future trends in engineering psychology, Psychol. Res. in Nat. Defense Today, 6/67. Address: Office of Naval Research, Code 458, 800 N. Quincy St, Arlington, Va. 22217.
- FARRALL, PROF. CLAYTON GRIEG, b. Boston, Mass, Feb. 27, 26; m. 55; c. 3. PSYCHOLOGY, EDUCATION. A.B. Syracuse, 50, M.B.A., 52, M.S., 55, fel, 59, Ph.D.(ed), 65. Psychologist, Onondaga County Bd. Coop. Ed. Serv. 55-59; consult, bur. sch. serv. Syracuse, 59-61; psychologist, Fayette-Manlius Cent. Sch. Syst, 61-66; PROF. ED, STATE UNIV. N.Y. COL. POTSDAM, 66- Elem. & Sec. Ed. Act grants, 67-69; N.Y. State Ed. Dept. teacher-inserv. training grants, 69-71; summers, N.Y. State Res. Found. faculty fel, 67, 70. U.S.N. 44-46. Psychol. Assn; Ed. Res. Assn. Developing creative thinking process; teacher-pupil interaction. Publ: Pupil adjustment as related to sex of pupil and sex of teacher, Psychol. in Schs, 10/68. Address: Dept. of Education, Congdon Campus School, State University of New York College at Potsdam, Potsdam, N.Y. 13676.
- FARRELL, DR. KENNETH (ROYDEN). Agricultural Economics, Marketing. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Asst. adminstr, 68-, Economic Research Service, U.S. Dept. of Agriculture, Washington, D.C. 20250.
- FARRELL, DR. WARREN (STANLEY), b. Chicago, Ill, Oct. 13, 40. AGRICULTURAL ECONOMICS. B.S. Calif. State Polytech. Col, San Luis Obispo, 63; M.S., California, Davis, 64, fel, 64-65, Ph.D.(agr. econ), 68. Asst. prof. AGR. MGT, CALIF. STATE POLYTECH. COL, SAN LUIS OBISPO, 67-69, ASSOC. PROF, 70- Land resource economics; rural-urban development; production economics; business operations analysis. Address: Dept. of Agricultural Management, California State Polytechnic College, San Luis Obispo, Calif. 93402.
- FARRISH, DR. RAYMOND (O'CONNOR) PAUL, b. New York, N.Y. Apr. 13, 31; m. 54; c. 4. AGRICULTURAL ECONOMICS. B.S. Cornell, 52; M.S. Connecticut, 57, Ph.D.(agr. econ), 60. Asst. agr. econ. Connecticut, 54-56, asst. prof. 59-61; coop. agent, Univ. Connecticut & U.S. Dept. Agr. 56-59; agr. economist, U.S. Dept. Agr. 61-63; Univ. Arizona, 63-66; ASSOC. PROF. AGR. ECON, CONNECTICUT, 66- Consult, study of food mkt. syst. in Santo Domingo, Dominican Repub, funded by Org. of Am. States, 66. U.S.A. 52-54, 1st Lt. Agr. Econ. Assn. Domestic and foreign agricultural policy. Address: Dept. of Agricultural Economics, University of Connecticut, Storrs, Conn. 06268.
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- FAULK, DR. ELIZABETH HAMMOND. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Pres, Psychol. & Consult. Serv. Inc, 69- Address: 3011 N. Halifax Dr, Daytona Beach, Fla. 32018.
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- FAUSOLD, PROF. MARTIN L. Political History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- FAW, DR. TERRY T, b. San Diego, Calif, Apr. 24, 43; m. 63. PSYCHOLOGY. B.S. Lewis & Clark Col, 65; Nat. Defense Ed. Act fel, Vanderbilt, 65-68, M.A., 67, Nat. Inst. Ment. Health fel, 68-69, Ph.D.(psychol), 69. ASST. PROF. PSYCHOL, CALIFORNIA, LOS ANGELES, 69- Psychol. Assn. Soc. Res. Child Develop. Development of patterns of visual selective attention in humans; relationship of attention to problems of learning and education. Publ: Co-auth. The acquisition of conditioned reward value in discrimination learning, Child Develop, 3/68, The influence of stimulus uncertainty and experimental instructions on visual selection, Perception & Psychophys, 69 & Effect of degrees of incongruity on visual fixations in children and adults, J. Exp. Psychol, 8/69. Address: Dept. of Psychology, University of California, 405 Hilgard, Los Angeles, Calif. 90024.
- FAWCETT, DR. JAMES (THOMAS), b. Pittsburgh, Pa. Aug. 16, 35; m. 63; c. 1. PSYCHOLOGY. B.S. Pa. State, 60; Nat. Sci. Found. fel. & M.S. Yale, 61; U.S. Pub. Health Serv. fel. & Ph.D.(psychol), California, Berkeley, 65. Selection officer, U.S. Peace Corps, 61-62; assoc. res. scientist, Am. Inst. Res, 63-64; STAFF ASSOC. POP. COUN, 65- U.S.A.F. 54-58, 5/Sgt. Psychol. Assn; Pop. Assn. Applications of psychology to population; research in family planning; culture and personality. Publ: Chap, Inc. Communications aspects of family planning prog., UN, 68; co-auth. Chap, Inc. International postpartum family planning program, McGraw, 70; auth. Psychology and population, Pop. Coun, 70. Address: The Population Council, 245 Park Ave, New York, N.Y. 10017.
- FAWL, PROF. CLIFFORD LEROY. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. psychol. & chmn, 69-, Division of Social Sciences, Nebraska Wesleyan University, Lincoln, Nebr. 68504.
- FECHTER, ALAN EDWARD, b. New York, N.Y. Oct. 19, 34; m. c. 3. ECONOMIC. B.B.A. City Coll. New York, 58; A.M. Chicago, 62. Asst. prof. econ, Pittsburgh, 62-64; ECONOMIST, PROG. ANAL. DIV. INST. DEFENSE ANAL, 64- U.S.A. 54-56. Econ. Assn. Labor market theory; military manpower; economics of education; population. Publ: The supply of first-term military officers, Inst. for Defense Anal, 67; co-auth. Metropolitan area intercountry migration rates, Indust. & Labor Rel. Rev, 1/66 & The supply of military personnel in the absence of a draft, Am. Econ. Rev, 5/67. Address: Program Analysis Division, Institute for Defense Analyses, 400 Army-Navy Dr, Arlington, Va. 22202.
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- FEDERER, DR. MIREN DALE, b. Apr. 26, 29; U.S. citizen; m. c. 4. COUNSELING. B.S. Wyoming, 51, M.Ed., 61, Ph.D.(counseling), 62. Asst. prof. counsr. ed, Wyoming, 62-63; lectr, Colorado, 63; ASSOC. PROF. COUNSR. ED. & PSYCHOL, CALIF. STATE POLYTECH. COL, SAN LUIS OBISPO, 63- Consult, San Luis Obispo County Schs, 64-67; Kern County & Paso Robles Schs, 69-70. U.S.A. 1st Lt. Psychol. Assn. Mental health; testing. Publ: Who needs counselors? 66 & co-auth. Investigative techniques, 68, Calif. State Polytech. Col. Address: 10 Squire Rd, San Luis Obispo, Calif. 93401.
- FEDERICO, DR. RONALD CHARLES, b. New York, N.Y. Jan. 9, 41; m. 69; c. 2. SOCIOLOGY. B.A. Yale, 62; M.S.W. Michigan, 64; Ph.D.(sociol), Northwestern, 68. ASST. PROF. SOCIOL, MARYLAND, 67- Faculty fel, Wash. Center Metropol. Studies, 68; lectr, Rosemont Col, 69. Sociol. Assn. Nat. Assn. Soc. Workers; Coun. Soc. Work Ed. Sociology of art; social factors in transportation planning; variables in planning for and providing social welfare services. Publ: Total transportation as a social concept, Proc. Am. Soc. Mech. Engr, 11/69. Address: College of Arts & Sciences, Dept. of Sociology, University of Maryland, College Park, Md. 20742.
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- FEE, DR. JAMES (VINCENT), b. Cut Bank, Mont, Dec. 22, 27; m. 51; c. 2. COMMUNICATIONS, PSYCHOLOGY. B.S. Ed. Southern Illinois, 54, M.S. Ed, 55; Ph.D.(speech), Ohio State, 64. Lectr. SPEECH, Southern Illinois, 56-59; asst. prof. Murray State, 61-63, assoc. prof. 64-65, prof. 66-67; ASSOC. PROF. AKRON, 67-68; U.S. Dept. Agr. 50-51, Res. 51-55, 5/Sgt. Speech Assn. Am. Nat. Soc. Study Commun. Psycholinguistics; experimental phonetics; industrial communication; communication theories. Publ: Books: a representative interdisciplinary library... Cent. States Speech J, 61; J. Albert Tracy: a man-an idea. Undergrad. Speech Interest Group Newsletter, 5/62. Address: Dept. of Speech, University of Akron, Akron, Ohio 44304.
- FEFFERMAN, DR. ARTHUR STANLEY. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Chief economist, Joint Committee on Internal Revenue Taxation, U.S. Congress, 69- Address: 9006 Linton St, Silver Spring, Md. 20901.



- FEHMI, DR. LESTER GEORGE, b. Philadelphia, Pa, Apr. 23, 34; m. 60; c. 2. **PHYSIOLOGICAL PSYCHOLOGY**. B.A. San Jose State Col, 61; M.A., California, Los Angeles, 65, Ph.D. (psychol), 66. Res. analyst electronics, Lockheed Space & Missiles Div, Calif, 58-61, engr. psychologist, 61; lectr. PSYCHOL, Loyola (Calif), 66-67; ASST. PROF. STATE UNIV. N.Y. STONY BROOK, 67- Nat. Inst. Ment. Health fel, Brain Res. Inst, California, Los Angeles, 66-67; grant in aid, res. found, State Univ. N.Y., 67-69; Nat. Inst. Ment. Health biomed. grant, 68-69; Stanford-Aames summer faculty fel, NASA, 68, 69. U.S.A., 54-58. AAAS; Psychol. Asn. Information processing in the central nervous system; physiological correlates of perception; the autoregulation and awareness of internal states through physiological feedback; consciousness. Publ: Co-auth. The electrophysiological correlates of perceptual masking in monkeys, *Exp. Brain Res.* 7: 299-316, Perceptual discrimination in monkeys: retroactive visual masking, *Physiol. & Behav.* 4: 255-259 & Discrimination among temporal patterns of stimulation in a computer model of a cerebellar nerve net, *Kybernetik Marz*, Band 3: 240-249. Address: Dept. of Psychology, State University of New York at Stony Brook, Stony Brook, N.Y. 11790.
- FEIN, PROF. ALBERT. American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- FEIN, DR. LEAH GOLD. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Staff psychologist, 68-, Bureau of Child Guidance, Board of Education, City of New York, Public School 86, W. 195th St. & Reservoir Ave, Bronx, N.Y. 10468.
- FEIN, DR. LEONARD J. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, Florence Heller School, Brandeis, 70- Address: 149 Buckminster Rd, Brookline, Mass. 02146.
- FEIN, DR. RASHI. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. econ. of med, 68-, Dept. of Economics, Harvard University, 25 Shattuck St, Boston, Mass. 02115.
- FENBAUM, DR. ROBERT, b. New York, N.Y., Apr. 15, 39; m. 59; c. 2. **SOCIOLOGY**. B.S. Mass. Inst. Tech, 60; M.A., California, 63, Ph.D. (sociol), 67. Legis. intern, State Assembly, 63-64, spec. consult, cmf. pub. health, 64; lectr. SOCIOL, San Francisco State Col, 66-67; ASST. PROF. SANTA CLARA, 67- Sociol. Asn. Political and urban sociology; sociology of education. Address: Dept. of Sociology, University of Santa Clara, Santa Clara, Calif. 95053.
- FENBERG, DR. ALLEN MARK, b. New York, N.Y., Sept. 23, 37; m. 59; c. 2. **PSYCHOLOGY**. B.A. Brandeis, 59; M.A. New Sch. Soc. Res, 61. U.S. Pub. Health Serv. fel, Fla. State, 62-66, Ph.D. (clin. psychol), 66. Fel. psychol, SCH. MED. NORTH CAROLINA, CHAPEL HILL, 66-67, asst. prof, 67-68, ASST. PROF. PSYCHOL. & CHIEF PSYCHOLOGIST ADULT CLIN, 68- Consult, Stanly County Ment. Health Center, 65-; consult. & coordinator, Roanoke Chowan Ment. Health Serv, 67- AAAS; Psychol. Asn. Effects of ionizing radiation on behavior; behavior therapy; conditioning approaches as psychotherapy. Address: Dept. of Psychiatry, University of North Carolina Medical School, Chapel Hill, N.C. 27515.
- FENBERG, DR. BARBARA SILBERDICK, b. New York, N.Y., June 1, 38; m. 68; c. 1. **POLITICAL SCIENCE, PHILOSOPHY**. B.A., Wellesley Col, 59; M.A. Yale, 60, Ph.D. (polit. sci), 63. Lectr. polit. sci, City Col. New York, 63-64, instr, 64-67; vis. lectr., Brooklyn Col, 67-68; asst. prof, Seton Hall, 68-70. Polit. Sci. Asn; Soc. Polit. & Legal Philos. Political philosophy. Publ: Political thought of Oliver Cromwell: revolutionary or conservative, Soc. Res, fall 68; Creativity & the political community: the role of the lawgiver in the thought of Plato, Machiavelli and Rousseau, *West. Polit. Quart.*, fall 70. Address: 535 E. 66th St, New York, N.Y. 10028.
- FEINLEIB, DR. SIDNEY. Physical Chemistry. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- FEINN, DR. BARBARA ANN. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Sr. coun. economist, Gov. Coun. Econ. Adv., N.Y., 69- Address: 200 E. 66th St, New York, N.Y. 10021.
- FEINSTEIN, DR. HERBERT CHARLES VERSCHLEISSER. English, Mass Media of Communications. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- FEINSTEIN, DR. HOWARD M., b. New York, N.Y., Aug. 30, 29; m. 56; c. 3. **PSYCHIATRY, AMERICAN INTELLECTUAL HISTORY**. A.B., Cornell, 51, M.D., 55, hist. 66- Intern, Buffalo Gen. Hosp, N.Y., 55-56; res. psychiatrist, west. div, N.Y. Hosp., 56-57; Mass. Ment. Health center, 58-61; psychiatrist, private practice, 61-; clin. instr. psychiatrist, State Univ. N.Y. Upstate Med. Center, 63-64; Josiah Macy, Jr. scholar, hist. of med. & biol. sci., 67-69. Dipl. Am. Bd. Psychiat. & Neurol, 63. Med.C. U.S.A., 57-59, Capt. Am. Med. Asn; Group Psychother. Asn; Am. Studies Asn. Group dynamics; applications of small group techniques to study of history; applications of psychology to history; William James. Publ: April 1969 - a celebration of the Mass. In: *Divided we stand, Doubleday*, 70; William James on the emotions, *J. Hist. Ideas*, 1-3/70 & The prepared heart, *Puritan theology and psychoanalysis*, Am. Quart., 5/70. Address: 206 Hanshaw Rd, Ithaca, N.Y. 14850.
- FEINSTEIN, DR. OTTO, b. Vienna, Austria, May 18, 30; U.S. citizen; m. 61. **POLITICAL SCIENCE, INTERNATIONAL RELATIONS**. B.A., Chicago, 50, Ph.D. (int. rels, polit. sci), 65; Lic. Grad. Inst. Studies, Geneva, 53. ASSOC. PROF. SCI. OF SOC, MONTEITH COL, WAYNE STATE, 60- U.S.A., 53-55. Economics; social science; Latin America; education. Publ: Politics and political theory in Latin America, *Doubleday*, 70; Higher education in United States: economics, quality and personalism & co-auth, *Higher education in Europe*, Heath, 70. Address: 687 W. Hancock, Apt. 206, Detroit, Mich. 48221.
- FEIS, PROF. CLAYTON D., b. Bladen, Nebr., Jan. 20, 20; m. 52; c. 8. **ECONOMICS, BUSINESS ADMINISTRATION**. A.B., Hastings Col, 51; M.B.A., Denver, 52; summers, Nebraska, 56, 57, 58, Iowa, 59. Prin, Dorchester Pub. Schs, 53-57; head dept. bus. admin. & econ, Westmar Col, 57-63; ASSOC. PROF. BUS. ADMIN. & ECON. & HEAD DEPT, NEBR. WESLEYAN, 63- U.S.A.A.F., 40-43, T/Sgt. Econ. Asn. Address: Dept. of Business Administration & Economics, Nebraska Wesleyan University, Lincoln, Nebr. 68504.
- FEIWEI, PROF. GEORGE RICHARD. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Guggenheim fel, 69-70. Address: Dept. of Economics, University of Tennessee, Knoxville, Tenn. 37916.
- FELD, DR. RICHARD DENNIS. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 5606 Bissonnet, Apt. 2, Houston, Tex. 77036.
- FELDMAN, DR. HERMAN. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. psychol, Indiana, Northwest Campus, 69- Address: 8140 Lakewood Ave, Gary, Ind. 46403.
- FELDMAN, DR. IRVING S. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 25 Mitchell Dr, Toms River, N.J. 08753.
- FELDMAN, DR. KENNETH A. Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, 69-, Dept. of Sociology, State University of New York at Stony Brook, Stony Brook, N.Y. 11790.
- FELDMAN, DR. REYNOLD. English & Indonesian Studies. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- FELDMAN, DR. SAUL. Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. dir. community ment. health serv. div. ment. health serv. progrs, Nat. Inst. Ment. Health, 69- Address: 4701 Willard Ave, Chevy Chase, Md. 20015.
- FELDMAN, DR. SHEL(DON), b. Chicago, Ill., Oct. 5, 36; m. 58; c. 1. **SOCIAL PSYCHOLOGY**. B.A., Northwestern, 57; Ph.D. (psychol), Yale, 62. Res. asst. PSYCHOL, Northwestern, 55-57; Yale, 57-60; res. trainee, Vet. Admin. Hosp, West Haven, Conn, 60-61; res. assoc., Illinois, 61, res. asst. prof, 62-64; Pennsylvania, 64-68; ASSOC. PROF. SWARTHMORE, 68- Teacher, Dartmouth, summers 66, 67; night sch, Temple, 69; vis. scientist, Am. Psychol. Asn, 68. Consult, Assoc. for Res. in Behav, 64- Dupont, 69, AAAS; Psychol. Asn; Fedn. Am. Scientist; Soc. Psychol. Study Social Issues; Soc. Exp. Soc. Psychol; Int. Peace Res. Soc. Models of attitude formation and change, especially impressions of others, and political issues; affective aspects of word meaning; role of psychologists in solving international tension. Address: Dept. of Psychology, Swarthmore College, Swarthmore, Pa. 19081.
- FELDMANN, DR. SHIRLEY (CLARK). Educational Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 3333 Henry Hudson Pkwy, Bronx, N.Y. 10463.
- FELDMESSER, DR. ROBERT A (LLEN). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Res. sociologist, 69-, Division of Educational Studies, Educational Testing Service, Princeton, N.J. 08540.
- FELKENES, DR. GEORGE T., b. Dayton, Ohio, Nov. 19, 30; m. 61. **CRIMINOLOGY, LAW**. B.S. Maryland, 61, J.D. 61; M.A., Calif. State Col. Long Beach, 66; D.Crim, California, Berkeley, 70. ASSOC. PROF. CRIMINOL, CALIF. STATE COL. LONG BEACH, 64-, CHMN. DEPT. 66-. Res. assoc., Off. Law Enforcement Assistance, Wash. D.C., 66-67; State Criminal Procedure Cmt, Calif, 67-68; Inst. Police Studies, Calif. State Col. Long Beach, 67- Consult, McGraw-Hill Publishers, 67-; Calif. Peace Officers Cmn, 68-69. U.S.A., 51-57, 1st Lt. Bar Asn; Polit. Sci. Asn; Soc. Criminol; Int. Asn. Chiefs Police. Publ: Co-auth, Law enforcement: a selected annotated and general bibliography, 68 & New dimensions in criminal justice, 68, *Scarcrow*; auth. Legal status of aircraft as an aid to law enforcement, *S.Dak. Law Rev.* 6/68. Address: Dept. of Criminology, California State College at Long Beach, Long Beach, Calif. 90801.
- FELLER, DR. IRWIN. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also prog. dir, 69-, Center for the Study of Science Policy, Pennsylvania State University, University Park, Pa. 16802.
- FELLMAN, DR. GORDON A., b. Omaha, Nebr., May 10, 34. **SOCIOLOGY**. B.A., Antioch, 57; Woodrow Wilson fel, Harvard, 57-58, Soc. Sci. Res. Coun. fel, 58-60, Robert Trent Paine fel, 62-63, Ph.D. (sociol), 64. Lectr. soc. rels, Harvard, 63-64; asst. prof. SOCIOL, BRANDEIS, 64-70, ASSOC. PROF. 70- Co-dir, Urban Planning Aid, Inc. an advocacy planning org, Cambridge, Mass, 66-; U.S. Dept. Housing & Urban Develop. Off. Urban Tech. & Res. grant, 67-68. Consult, Interuniv. Eval. Cmt, Boston, Mass, 67. Social Asn. Asn. Asian Studies. Social psychology; psychoanalysis and society; Indian democratic socialism; urban change and social protest; social stratification. Publ: Co-age, Violence: biological need and social control, *Soc. Forces*, 6/67; auth, Neighborhood protest of an urban highway, *J. Am. Inst. Planners*, 3/69 & co-auth, Social costs of an urban highway, *Trans-Action*, (in press). Address: Dept. of Sociology, Brandeis University, Waltham, Mass. 02154.
- FELSENBERG, DR. GERTRUD K. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Correction: Psychologist-soc. worker, Denver Children's Home, 67- Address: 1050 Kearney St, Denver, Colo. 80220.
- FELTON, DR. WILLIAM SIDNEY, JR. Sociology, Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. 70-, Dept. of Sociology, Keene State College, Keene, N.H. 03431.
- FELZER, DR. STANTON (BERNARD). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: V. pres, Harry J. Woehr & Assocs, Management & Consulting Psychologists, Phila., 69- Address: 340 Ainslie Rd, Huntingdon Valley, Pa. 19006.

- FENKER, DR. RICHARD MATHES, JR., b. Nashville, Tenn., May 22, 42. PSYCHOLOGY, STATISTICS. B.S. Case Inst. Tech., 64; M.S. Purdue, 67, Nat. Defense Ed. Act fel, 67-69, Ph.D. (psychol), 69. ASST. PROF. PSYCHOL, TEXAS CHRISTIAN, 68. A.A.S. Perception; multivariate statistics; mathematical models of perceptual or cognitive processes; cognitive geometry. Publ: Co-auth, Multivariate analysis, object perception and dimensional limitation, Multivariate Behav. Res, 8/69. Address: Dept. of Psychology, Texas Christian University, Ft. Worth, Tex. 76129.
- FENNESSEY, DR. JAMES J (OSEPH), b. Boston, Mass., June 11, 41; m. 64. SOCIOLOGY. A.B., Holy Cross Col., 63; M.A., Chicago, 67; Ph.D. (soc. rels), Hopkins, 70. ASST. PROF. SOCIOLOGY, CHICAGO, 68. Sociol. Assn; Psychomet. Soc. Sociology of education; statistical methods of data analysis. Publ: The general linear model, Am. J. Sociol., 68. Address: Dept. of Sociology, University of Chicago, Chicago, Ill. 60637.
- FENSCH, PROF. EDWIN A., b. Mansfield, Ohio, Aug. 16, 03; m. 38, 67; c. 2. PSYCHOLOGY. A.B., Ashland Col., 33; M.A., Ohio State, 38, Ph.D. (ed), 42. Teacher, city schs., Mansfield, Ohio, 33-42, dir. res., 42-55, asst. supt., 55-68; PROF. PSYCHOL, ASHLAND COL., 68- Inst., Ashland Col., 45-67. A critical study of Negro students in the junior high school. Address: Dept. of Psychology, Ashland College, Ashland, Ohio 44805.
- FENTON, SISTER HELEN M., C.S.J., b. New Bedford, Mass., July 17, 21. ECONOMICS. B.S. in Bus. Admin., Boston, 46, M.C.S.S., M.A., Boston Col., 66. Teacher, parochial sch., Mass., 40-43; instr. bus. REGIS COL., 46, asst. prof., 64, ASSOC. PROF., 64. Econ. Assn; Econ. Hist. Assn. International economics; Soviet-Latin American economic relations; economic implications of private foreign aid by United States citizens and institutions to Latin American developing nations. Address: Dept. of Economics, Regis College, Weston, Mass. 02193.
- FENTON, DR. NORMAN. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 3238 Taylor Rd., Carmel, Calif. 93921.
- FENTRESS, DR. JOHN CARROLL, b. East Chicago, Ind., Feb. 4, 39; m. 68. BEHAVIORAL BIOLOGY. B.A., Amherst Col., 61; Nat. Sci. Found. fel., Cambridge, 61-65, Ph.D. (animal behavior), 65. Nat. Inst. Health fel., neurophysiol., Center Brain Res., Rochester, 65-67; ASST. PROF. BIOLOGY & PSYCHOL, OREGON, 67- AAAS. Development and programming of behavioral sequences; ethology; neural conditioning and development; behavior genetics. Publ: Co-auth, Protracted tetanization of the optic tract in squirrel monkeys, Fedn. Proc., 66; auth, Observations on the behavioral development of a hand-reared male timber wolf, Am. Zoologist, 67; Interrupted on going behavior in two species of vole *Microtus agrestis* and *Clethrionomys britannicus*: I and II, Animal Behav., 68. Address: Dept. of Psychology, University of Oregon, Eugene, Ore. 94703.
- FENWICK, DR. CHARLES A., b. Indianapolis, Ind., Apr. 13, 36; m. 69. HUMAN FACTORS ENGINEERING, INDUSTRIAL PSYCHOLOGY. B.S. Purdue, 58, univ. fel., 58-59, M.S., 59, Nat. Sci. Found. fels., 59-61, Ph.D. (eng. psychol), 61. Staff psychologist, COLLINS RADIO CO., 61-63, sr. tech. staff, 63-68, HEAD ADV. DISPLAY STUDIES, 68- Human Factors Soc; Psychol. Assn; Soc. Eng. Psychol. Development and validation of conceptual models of, and equipment which will facilitate, the real-time interactions of human operators and complex, dynamic systems of which they are a component. Publ: Development of a peripheral vision command indicator for instrument flight, Human Factors, 4/63; Evaluation of multi-channel navigational displays, Navigation, spring 66; New cockpit control and display techniques—what can they do for the Pilot?, Soc. Automotive Engrs., 4/68. Address: Mail Station 106-21, Collins Radio Co., 5200 C Ave. N.E., Cedar Rapids, Iowa 52406.
- FERRER, DR. ROMAN, b. Krakow, Poland, Jan. 25, 33; U.S. citizen; m. 61; c. 2. URBAN PLANNING, PUBLIC ADMINISTRATION. A.B., Hunter Col., 58; M.P.A., N.Y. Univ., 59, Ph.D. (pub. admin), 65. Assoc. prof. urban polit., N.Y. Univ., 61-68; dept. dir., Off. Comp. Planning, New York Community Renewal Prog., 67-69; DIR. ADMIN. CITY PLANNING CMU, NEW YORK, 69- Lectr., Baruch Col., 65- U.S.A., 63-65. Inst. Planners; Polit. Sci. Assn; Soc. Pub. Admin. Public administration and its relationship to urban planning; transportation and metropolitan planning; political science. Publ: Co-auth, Port of New York and the management of its waterfront, N.Y. Univ., 59. Address: 5 Iroquois Trail, Monsey, N.Y. 10952.
- FERGUSON, DR. ALLEN RICHMOND. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. policy res., Planning Res. Corp., 69- Address: 7902 Park Overlook Dr., Bethesda, Md. 20036.
- FERGUSON, DR. CHARLES (ALBERT). Linguistics. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang., Ling., & Philol.
- FERGUSON, PROF. CHARLES E. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof., 68-, Dept. of Economics, Texas A&M University, College Station, Tex. 77843.
- FERGUSON, DR. DONALD (CHARLES). Medical Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: On assignment as chief of party (resident adminstr), Johns Hopkins Center for Rural Medicine & Family Planning, Delhi, 70-. Address: Delhi LD/HFP (Narangwal), Dept. of State, Washington, D.C. 20521.
- FERGUSON, PROF. EVA D (REIKURS). Psychology. New position: Prof., 69-, Dept. of Psychology, Southern Illinois University, Edwardsville, Ill. 62025.
- FERGUSON, GLENN WALKER. Public Administration. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Chancellor, 69-, Long Island University, Greenvale, N.Y. 11548.
- FERNANDEZ, DR. FRANK. Anthropology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Vis. assoc. prof., 69-, Dept. of Sociology & Anthropology, College of Social Sciences, University of Puerto Rico, Rio Piedras, P.R. 00931.
- FERRARI, DR. MICHAEL RICHARD, b. Monongahela, Pa., May 12, 40; m. 64; c. 1. MANAGEMENT, BUSINESS ADMINISTRATION. B.A., Mich. State, 62, M.A., 63, Ford Found. fel., 67-68, D.B.A., 68. Resident adv. Mich. State, 62-64, res. asst. mgt., 65-68, asst. dir. residence hall prog., 66-68; asst. dean men, Cincinnatus, 64-65; ASST. PROF. MGT, KENT STATE, 68- Summers, Kent State res. fel., 69, Am. Col. Testing Prog. res. fel., 70. Mem., N.A.M. Res. Group Mgt., 69- Acad. Mgt. Organizational behavior, change and psychology; organization theory; administration in higher education; group dynamics; behavioral science in administration. Publ: Profiles of American college presidents, Div. Res., Mich. State Univ., 70; The origins and careers of business, government and academic elites, Calif. Mgt. Rev., 70 & Careers of college presidents, Bus. Topics, 70. Address: Dept. of Management, 211 Franklin Hall, Kent State University, Kent, Ohio 44240.
- FERRARO, DR. DOUGLAS P (ETER). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-, Dept. of Psychology, University of New Mexico, Albuquerque, N.Mex. 87106.
- FERSH, DR. SEYMOUR H. History, Asian Studies. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- FEYERABEND, PROF. PAUL KARL. History & Philosophy of Science, Aesthetics. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig., & Law.
- FIDURA, DR. FREDERICK GEORGE, b. Sturgeon Bay, Wis., July 14, 40; m. 66; c. 1. PSYCHOLOGY. A.B., Ohio, 62, M.A., 63; Ph.D. (psychol), Mich. State, 67. Instr. PSYCHOL, Mich. State, 67, ASST. PROF., STATE UNIV. N.Y. COL. GENESEO, 67- Nat. Inst. Ment. Health res. grant, 69-70. Animal Behav. Soc; Psychol. Assn. Role of attention in animal learning. Publ: Co-auth, Visual discrimination of color, pattern and form in the Japanese quail (*Coturnix coturnix japonica*), 5: 427-428 & auth, Selective attention and complex discrimination in the Japanese quail (*Coturnix coturnix japonica*), 15: 187-188. Psychol. Sci; co-auth, The relation between pulse-to-cycle fraction and CFF, Am. J. Psychol., 78: 448-454. Address: Dept. of Psychology, State University of New York College at Geneseo, Geneseo, N.Y. 14454.
- FIEDLER, PROF. FRED E (DWARD). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof., 69-, Dept. of Psychology, University of Washington, 201 Johnson Annex A, Seattle, Wash. 98105.
- FIELD, DR. HOWARD L., b. Buffalo, N.Y., May 1, 28; m. 60; c. 3. PSYCHIATRY. A.B., North Carolina, 49; M.D. Jefferson Med. Col., 54. ASSOC. PROF. CLIN. PSYCHAT. JEFFERSON MED. COL., 60- U.S.N. 56-58, Lt. AAAS; Psychiat. Assn; Am. Med. Assn. Psychiatric treatment of patients in a general hospital. Address: Dept. of Clinical Psychiatry, Jefferson Medical College, 1025 Walnut St., Philadelphia, Pa. 19107.
- FIELDER, DR. WILLIAM J (OSEPH). Clinical Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Independent psychol. consult., 69-, Address: 1447 E. San Miguel Ave., Phoenix, Ariz. 85014.
- FIELDS, DR. VICTOR. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. personnel & training res. prog., Off. Naval Res., 69- Address: 13905 Northgate Dr., Silver Spring, Md. 20906.
- FIENBERG, DR. STEPHEN ELLIOTT, b. Toronto, Ont., Nov. 27, 42; m. 65; c. 1. STATISTICS, MATHEMATICAL BIOLOGY. B.Sc., Toronto, 64; M.A., Harvard, 65, Can. Coun. fel., 66-68, Ph.D. (statist), 68. Instr. psychol., Wellesley Col., 68; ASST. PROF. STATIST. & MATH. BIOL., CHICAGO, 68- Vis. asst. prof., Harvard, summer 69. AAAS; Statist. Assn; Biomet. Soc. Inst. Math. Statist. Data analysis; foundations of statistical inference; analysis of counted data; stochastic modeling in biology; multivariate statistical inference. Publ: The geometry of an rxc contingency table, Annals Math. Statist., 63; Preliminary graphical analysis and quasi-independence for two-way contingency tables, Appl. Statist., 69; co-auth, Methods for eliminating zero counts in contingency tables, In: Random counts in scientific work, Pa. State Univ., 70. Address: Dept. of Statistics, University of Chicago, Chicago, Ill. 60637.
- FIFE, DR. CHARLES LYNN, b. Idaho Falls, Idaho, Nov. 28, 34; m. 58; c. 6. AGRICULTURAL ECONOMICS, BUSINESS MANAGEMENT. B.S., Brigham Young, 60; M.S., Oregon State, 61; Ph.D. (agr. econ), Purdue, 67. ASST. PROF. AGR. ECON., VERMONT, 66- Agr. Econ. Assn. Agricultural production economics; managerial decision-making process; economic feasibility analysis; milk marketing. Publ: Co-auth, Production, disposal and use of whey in Vermont, V. Agr. Exp. Sta., 69; auth, chap. In: Applications of management games in teaching and research, Ed. Methods, 66. Address: Dept. of Agricultural Economics, University of Vermont, Burlington, Vt. 05401.
- FIFER, DR. S. ANNE. Physiological Psychology. See 12th ed, Phys. & Biol. Vols.
- FIKS, DR. ALFRED I. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Acting head res. dept., 69-, Test Development & Research Office, West African Examinations Council, PMB 1076, Yaba, Lagos, Nigeria.
- FILAS, F (RANCIS) (LAD). Theology. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig., & Law.
- FILDES, PROF. JONATHAN E., b. Datchet, Eng., Feb. 15, 20; U.S. citizen; m. 54; c. 2. INTERNATIONAL ECONOMICS & FINANCE. B.Sc., London Sch. Econ., 40; B.A., London, 60, D.Sc. (adv. financial anal), 61. Consult. int. finance & mkt., 47-60; bus. develop. div., REA Express, 60-62; distribution & planning mgr., Singer Co., 62-65; asst. to pres., Engrs., Inc., N.J., 65-66; CITIBANK PROF. INT. FINANCE, THUNDERBIRD GRAD. SCH. INT. MGT., 66- Adj. prof., exten. prog., State Univ., N.Y., 59-63; lectr., Am. Mgt. Assn., 60-65; summer bus. col. fel., Four. Econ. Ed., 67. Mem., Brit. Inst. Practitioners Advert. & Brit. Inst. Pub. Rel., 49- Arbit. Assn., Mkt. Assn. International distribution logistics; development of econo-



metric technique to minimize margin of error in management decision making for penetration of foreign markets by qualitative-quantitative measurement of total environments. Publ: International physical distribution management, 68 & co-auth. The quantifier method, 68, Thunderbird Grad. Sch. Int. Mgt. auth. Big job: world-size distribution, Handling & Shipping, 68. Address: Dept. of International Commerce, Thunderbird Graduate School of International Management, P.O. Box 191, Phoenix, AZ. 85001.

FILMERMAN, DR. GARY LEWIS, b. Minneapolis, Minn., Nov. 16, 36; m. 62; c. 3. HEALTH SERVICES ADMINISTRATION, POLITICAL SCIENCE. B.A., Minnesota, 58, Phillips Found. fel., 59-60, M.H.A., 61, W.K. Kellogg Found. fel., 61-63, M.A., 63, Ph.D. (health admin), 70, Am. States fel. & Milbank Mem. Fund travel fel., 64, Dir. Hungarian Student Reception Center, 56-57; admin. resident, Johns Hopkins Hosp., 61-62; guest scholar, Brookings Inst., 62; full-time res. Nat. Health Serv. Chile, 64; asst. to dir., Minn. Hosp. Assn., 65; EXEC. DIR. ASN. UNIV. PROGS. HOSP. ADMIN., 65-; EXEC. SECY. ACCREDITING CMN. GRAD. ED. FOR HOSP. ADMIN., 68. Observer, WHO Conf. Health Care Admin., Bogota, 66; Hosp. Conf. West. Europe, London, 68; v. chmn., Fedn. Schs. Health Professions, 69-70. Consult., W.K. Kellogg Found.-Univ. Chile, 66 & Univ. Mexico, 67. Mem. joint com. med. care, 66; cmt. library serv. Am. Hosp. Assn., 66-; adv. panel state licensure, 68; Nat. Coun. Univ. Res. Adminstr. Assn. Am. Med. Colls; fel. Pub. Health Assn; Col. Hosp. Adminstr. Gerontology; political behavior; political aspects of health service administration, particularly in Latin America. Publ: The teaching of preventive and social medicine at the University of Chile, J. Med. Ed., 6/69; Administrative leadership for health planning, Hosp. Admin., fall 69. Address: One DuPont Circle, Washington, D.C. 20036.

FILION, DR. ROSS DENIS LAURENT, b. Cleveland, Ohio, Oct. 17, 34; m. 59; c. 2. EXPERIMENTAL PSYCHOLOGY. M.A., Princeton, 62, Ph.D. (psychol), 64. Instr. PSYCHOL., Princeton, 63-64, res. assoc. 64-67, mem. res. staff, 67-68; INSTR. PENNSYLVANIA, 68. U.S.A. 55-58. Research on behavior modification treatment of obesity: research on dynamics of operant responding; research on perception of time-varying stimulus magnitudes. Publ: Co-auth. Psychophysical evaluation of feedback phenomena as related to force emission; some methodological considerations, Am. J. Psychol., 69. Some effects of simultaneous force-proportional positive and negative reinforcement, J. Exp. Psychol., & Some effects of prefeeding and training upon rate and precision of the bar-pressing response, J. Comp. & Physiol. Psychol., (in press). Address: Dept. of Psychiatry, University of Pennsylvania, Philadelphia, Pa. 19104.

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FINKELSTEDT, LAWRENCE S(TANLEY). Government, Public Law. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Secy. & res. assoc., center int. affairs, Harvard, 69- New publ. Ed. & contrib. The United States and international organization: the changing setting, M.I.T., 69. Address: 4 Upland Rd., Lexington, Mass. 02173.

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British Columbia, 68-69; Can. Coun. res. grant, 69-70; summers, Soc. Sci. Res. Coun. award to attend Int. Cognitive Development, 64, Internat. Proj. Behav. Sci. field work grant, Yucatan, Mex., 65, Am. Psychol. Assn. travel award to Interam. Cong. Psychol., Lima, Peru, 65. Psychol. Assn. Soc. Res. Child Develop.; Soc. Psychol. Study Social Issues; Interam. Soc. Psychol. Social-cognitive development; development of persuasive skills; social development in infancy; cross-cultural research. Publ: Co-auth. The child's differential attention to regular and distorted human forms and faces, Proc. Cong. Interam. Soc. Psychol., Mex., 67 & Play behavior in young children: a cross-cultural study, J. Genetic Psychol., (in press). Address: Dept. of Psychology, University of Toronto, Toronto 181, Ont., Can.

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FIRESE, DR. HARVEY, b. Vienna, Austria, Dec. 28, 29; U.S. citizen; m. 59; c. 2. POLITICAL SCIENCE. A.B., Harvard, 52, A.M., 55; fel. Free Univ. Berlin, 53-54; summer, N.Y. State Ed. Dept. fel. Cornell, 55; Ph.D. (polit. sci.), New Sch. Soc. Res., 68. Info. specialist, U.S. Atomic Energy Com., 57-58; asst. ed., Palmetum Publ. Co., 59-60; ed., Am. Cyanamid Co., 60-61; writer-ed., Am. For. Policy Assn., 61-62; free-lance, U.S., 62-64; asst. prof. POLIT. SCI., N.Y. Inst. Tech., 64-68; ASSOC. PROF. ITHACA COL., 68. Intl. C. U.S.A., 55-57. Polit. Sci. Assn. Adv. Slavic Studies. Political controls in Soviet culture, especially religion and literature. Soviet foreign policy toward Southeast Asia. Publ: Co-auth. Berlin ( pamphlet), For. Policy Assn., Inc., 61; auth. Ikons and swastika: the Russian Orthodox Church under Nazi and Soviet control, Harvard Univ., 70; The concept of the legislator in Rousseau's Social contract, Rev. Polit., spring 70. Address: Dept. of Political Science, Ithaca College, Ithaca, N.Y. 14850.

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FISCH, DR. MARTIN L. Clinical Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: On leave from L.I. Col. Hosp. as pres., Medici Fund, 70- Address: Laurelwood Dr., Mountain Lakes, N.J. 07046.

FISCH, DR. RALPH I. b. Detroit, Mich., July 3, 28; m. 56; c. 2. CLINICAL PSYCHOLOGY, SPEECH PATHOLOGY. A.B., Wayne State, 51, M.A., 53; fel. Kansas, 57-59, Ph.D. (clin. psychol), 60. Staff psychologist, Vet. Admin. Consol. Center, Wadsworth, Kans., 60-62; chief, psychologist, Wyandotte County Child Center, Kansas City, 62-63; Wichita Psychiat. Center, 63-68; ASSOC. PROF. CLIN. PSYCHOL., HOUSTON, 68. Consult. Kans. State Bd. Rehab., 62-68; Head Start, 68-; St. Joseph's Hosp. & Ment. Health Center, 69- U.S.A., 53-55. Psychol. Assn. Conditioning of attention and perceptual learning; outcome in group and individual psychotherapy; personality and learning disability problems in children. Publ: Co-auth. Affect in etiology and maintenance of mental deficiency, J. Clin. Psychol., 55; The attributed meaning of an unstructured stimulus, 63 & auth. Conditioning of attention in perceptual learning, 65, Perceptual & Motor Skills. Address: Dept. of Psychology, University of Houston, Houston, Tex. 77004.

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FISCHER, DR. GEORGE. Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-, Dept. of Sociology, Richmond College, City University of New York, Staten Island, N.Y. 10301.

FISCHER, DR. HENRY LOUIS. b. Strasburg, N.Dak., Nov. 4, 37; m. 62; c. 2. CLINICAL PSYCHOLOGY. B.A., St. John's (Minn), 59; U.S. Pub. Health Serv. fcls., Washington (Seattle), 59-60 & 64-65, M.S., 62, Ph.D. (psychol), 65. Fel. clin. psychol., Judge Baker Child Center, Mass., 65-68; staff psychologist, JOHN F. KENNEDY CHILD DEVELOPMENT CENTER, SCH. MED. COLORADO, 66-69, CHIEF PSYCHOLOGIST & ASST. PROF. PSYCHIAT., 69- U.S.A.R., 57-63. Psychol. Assn. Child development and personality theory; cognitive processes in learning problems and perceptually-handicapped children; school consultation. Publ: School consultation in a special education setting, Psychol. in Schs., Vol. VI, No. 1; co-auth. Assessment of per-

ceptual development, *Am. J. Occup. Ther.*, Vol. XXIII, No. 5. Address: University of Colorado School of Medicine, 4200 E. Ninth Ave, Denver, Colo. 80220.

FISCHER, PROF. MONROE CARL, b. Scranton, Pa. ECONOMICS. B.A., Duke, 37, M.A., 38; Ph.D.(econ), American Univ., 65. Asst. prof. econ. & finance, *The Citadel*, 48-49; econ. & statist., Bucknell, 49-53; econ. & finance, Lafayette Coll., 54-55; assoc. prof. econ. finance & statist., Va. Polytech., 55-61; PROF. ECON. & STATIST. & CHMN. DEPT. ECON. NEVADA, LAS VEGAS, 62- Econ. Asn.; Regional Sci. Asn. Statistical and financial analysis. Address: Box 2672, Las Vegas, Nev. 89104.

FISCHER, DR. WILLIAM G. b. Pittsburgh, Pa. May 8, 34; div. c. 2. CLINICAL PSYCHOLOGY. B.A., Waynesburg Coll., 56; M.A., Kent State, 60; Ph.D. (psychol), Ill. Inst. Tech., 70. Psychologist, Chicago Pub. Schs., 60-64; DIR. DEPT. PSYCHOL. SCHWAB REHAB. HOSP., 65- Clin. assoc., Chicago Med. Sch., 66- Consult., Chicago Cath. Schs., 63-; Ill. Div. Voc. Rehab. & Old Age & Survivors Ins. Prog., 63-; Parkview Home for Aged, 65- U.S.A., 58-60. Assoc. Psychol. Asn.; Nat. Rehab. Asn. Child physical disability & community psychology in a clinical capacity. Publ. Schizophrenic language, *Am. Psychol.* Asn., 59 & Family therapy for aphasics, *Ill. Group Ther. J.*, 67. Address: 185 N. Wabash, Chicago, Ill. 60601.

FISH, DR. JAMES FRANKLIN, JR. Biological Oceanography, Animal Behavior. See Suppl. VI to 11th ed, Phys. & Biol. Vols.

FISHEL, PROF. WESLEY R(OBERT). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Vis. res. prof. gov't. Southern Illinois & ed, Southeast Asia Int. Quart. Address: 4572 Ottawa Dr, Okemos, Mich. 48864.

FISHER, DR. ANTHONY CLINTON, b. Washington, D.C., Dec. 19, 40. ECONOMICS. A.B. Columbia Coll., 62; Ph.D.(econ), Columbia, 68. Economist, Inst. Defense Anal., 64-65; ASST. PROF. ECON. BROWN, 66- Resources for Future, Inc. res. grant, 70. Econ. Asn.; Economet. Soc. Problems of human resource allocation; economics of environmental quality, including the relation of population growth to quality and the optimum use of natural areas. Publ. Co-auth. Cost-effectiveness analysis for the war on poverty, In: Cost-effectiveness analysis, Praeger, 67; auth. The cost of the draft and the cost of ending the draft, *Am. Econ. Rev.* 6/69; co-auth. Marginal product of labor, wages and disequilibrium, *Rev. Econ. & Statist.*, 11/69. Address: Dept. of Economics, Brown University, Providence, R.I. 02912.

FISHER, DR. CHARLES SAMUEL, b. Chicago, Ill., May 4, 38. SOCIOLOGY. B.S., Chicago, 59, M.S., 60; Ph.D.(math), California, Berkeley, 64. Nat. Sci. Found. fel. SOCIOL. Princeton, 65-66; Soc. Sci. Res. Coun. res-training fel., Courant Inst. Math. Sci., N.Y. Univ., 66-67; ASST. PROF. BRANDEIS, 67- Functional analysis to 1964; sociology, history and philosophy of science; collective behavior and social movements; field work and ethnography. Publ. The death of a mathematical theory, *Archive Hist. Exact Sci.*, 66; The last invariant theorists, *European J. Sociol.*, 67. Address: Dept. of Sociology, Brandeis University, Waltham, Mass. 02154.

FISHER, DR. DOUGLAS. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Vis. sr. lectr., 69-, Dept. of Economics, University of Essex, Colchester, Essex, Eng.

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FITZGERALD, DR. JOSEPH (ARTHUR). Medicine, Psychiatry. See Suppl. V to 11th ed, Phys. & Biol. Vols.

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- 51, Ph.D.(econ), 62, M.S. Baylor, 56. Contracting officer & pricing specialist, U.S. Govt. Defense Contracts, 56-62; asst. & assoc. prof. econ, U.S. Air Force Acad., 62-66; ASSOC. PROF. Finance, Colorado, 66-67; BUS. & ECON. MAINE, PORTLAND, 68. Finance Assn; Econ. Assn. Government defense contracting and pricing on major weapon system; investment analysis for institutional investors combining risk and return relationships. Publ: Pricing methods of industry, Pruett, 65; Pricing in marketing, Int. Cor. Schs, 66; co-auth, Modern handbook of marketing, McGraw, 70. Address: Dept. of Business & Economics, University of Maine, Portland, Maine 04107.
- FITZPATRICK, PROF. EUGENE D(UGLAS).** Educational Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1314 Viola Dr, Normal, Ill. 61761.
- FITZSIMMONS, PROF. JAMES G.** b. Newark, N.J., May 3, 35; m. 59. GEOGRAPHY, EDUCATION. B.A. Montclair State Coll, 57; M.A., Paterson State Coll, 62; M.A., Oklahoma, 65; fel. Columbia, 65-67; M.A., 65. Teacher, pub. schs, N.J., 58-64, chmn. dept. soc. studies, 63-64; teaching asst. geog. Oklahoma, 64-65; instr. soc. studies, Teachers Coll, Columbia, 65-66; ASST. PROF. GEOG., PATERSON STATE COL., 66. Instr., Hunter Coll, 65-66. Participant, Nat. Defense Ed. Act Inst. High Sch. Geog. Proj., Univ. Maryland, 68; Nat. Defense Ed. Act Inst. Geront. in Higher Ed., 69. U.S.A.R., 63-68. Asn. Am. Geog.; Am. Geog. Soc.; Nat. Coun. Geog. Ed. Population geography and environmental studies; physical geography and geology. Publ: Geography in the secondary schools of Oklahoma, Univ. Oklahoma, 6/65; co-auth, Man, culture, and geography, J. Geog., 10/69. Address: 3-E Colonial Dr., Little Falls, N.J. 07424.
- FITZSIMMONS, DR. STEVEN J.** b. Brooklyn, N.Y., July 20, 36. PSYCHOLOGY. B.S. Northwestern, 58; M.S., Washington State, 60; Ph.D.(psychol), Houston, 66. Dir. Chicago Commons Settlement House, 57; intern psychol, U.S. Vet. Admin., 60; consult. youth progrs, Jewish Community Center, Houston, Tex., 60-66; V.PRES. SOC. SCI. RES. & DEVELOP. ART ASSOC'S. INC., 66. Sr. consult. Off. of President, Bur. of Budget, 68-69; Off. Econ. Opportunity, 69-70; Rehabilitative Serv. Admin, Dept. Health, Ed. & Welfare, 70. Psychol. Assn. Soc. Psychol. Study Social Issues; Acad. Polit. & Soc. Sci. Community theory; rural and urban comprehensive program development; public policy formation; social-economic accounts; underdeveloped countries. Publ: Co-auth, Impact of television documentaries, Pub. Opinion Quart., winter 68, School failures; now or tomorrow, J. Develop. Psychol., 2/69 & An evaluation of the neighborhood centers pilot program, Exec. Off. of President, Bur. of Budget, 9/69. Address: ABT Associates Inc, 55 Wheeler St, Cambridge, Mass. 02138.
- FLAHERTY, DR. CHARLES FOSTER, JR.** Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- FLAMER, DR. GEORGE B.** Child Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Address: Asst. prof. psychol, 62, Division of the Social Sciences, University of Minnesota, Morris, Minn. 56267.
- FLANAGAN, DR. BRUCE C.** b. Neenah, Wis., July 31, 29; m. 51; c. 3. SPEECH PATHOLOGY, BEHAVIORAL SCIENCE. B.S., Western Michigan, 53; M.S., Southern Illinois, 58; Ph.D.(speech), Florida, 66. Asst. prof. behav. sci., South Florida, 60-65; ASSOC. PROF. SPEECH, KANSAS STATE, 66. U.S.A., 46-48. Speech & Hearing Assn. Speech science; behavioral analysis. Publ: Co-auth, Operant stuttering: the control of stuttering behavior through response contingent consequent, J. Exp. Anal. Behav., 58; Instatement of stuttering in normally fluent individual, Science, 59; Disinhibition and external inhibition in normal adult operant conditioning, Psychonomic Sci., 64. Address: Speech Pathology/Audiology Program, Kansas State University, Manhattan, Kans. 66502.
- FLANDERS, DR. JAMES PRESCOTT, b.** Cornwall, N.Y., Nov. 12, 42; m. 66; c. 1. PSYCHOLOGY, SOCIAL PSYCHOLOGY. B.S., Illinois, Urbana, 64; M.A., Vanderbilt, 66, Ph.D.(psychol), 66. Res. asst. exp. psychol, Illinois, Urbana, summer 62; res. clin. psychol, Elgin State Hosp., Ill., summer 64; res. asst. soc. psychol, Vanderbilt, summer 65; psychologist, dept. exp. psychophysiol, Walter Reed Army Inst. Res., Walter Reed Army Med. Center, D.C., 68-70; ASST. PROF. SOC. PSYCHOL., BOWLING GREEN STATE, 70. Med.Serv.C., U.S.A., 68-70, Capt. Psychol. Assn. Group risk taking; imitation; objective determinants of interpersonal behavior; skill in objective interpersonal behavior; learning, especially facilitation of learning by visual imagery; education, especially effectively reinforcing learning behavior and self-paced instruction. Publ: Co-auth, Effects of familiarization and group discussion upon risk taking, J. Personality & Soc. Psychol., 67; auth, A review of research of imitative behavior, Psychol. Bull., 68; co-auth, Effects of informative and justificatory variables upon imitation, J. Exp. Soc. Psychol., 70. Address: Dept. of Psychology, Bowling Green State University, Bowling Green, Ohio 43402.
- FLEER, DR. JACK DAVID.** Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. & chmn., 69-. Dept. of Political Science, Wake Forest University, Box 7655, Reynolda Station, Winston-Salem, N.C. 27109.
- FLEERON, DR. FREDERIC JOSEF, JR.** b. Boston, Mass., Oct. 4, 37; m. 64; c. 1. POLITICAL SCIENCE. A.B., Brown, 59, A.M., 61; Fordham Found., Area fel., Indiana, 61-62, Ph.D.(polit. sci.), 68. Instr. POLIT. SCI., Kentucky, 65-68, asst. prof., 69-70; ASSOC. PROF., STATE UNIV. N.Y., BUFFALO, 70-. Mem. planning group comp. Communist studies, Am. Coun. Learned Soc., 69-70. Polit. Sci. Assn.; Sociol. Assn.; Asn. Adv. Slavic Studies. Logic of inquiry in social sciences; mechanisms of adaptation to change in Communist political system; comparative Communist political systems; political philosophy; political socialization; organization theory. Publ: Communist studies and the social sciences: essays on methodology and empirical theory, Rand McNally, 69; Co-optation as a mechanism of adaptation to change: the Soviet political leadership system, Polity, winter 69; co-auth, Personality, behavior and Communist ideology, Soviet Studies, 1/70. Address: 252 Market St., Lexington, Ky. 40507.
- FLETCHER, DR. HAROLD (JOHN).** Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69-. Dept. of Educational Research, Florida State University, Tallahassee, Fla. 32306.
- FLETCHER, PROF. JOHN LYNN.** Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Retired U.S. Army, 70; prof., 70-. Dept. of Psychology, Memphis State University, Memphis, Tenn. 38111.
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- FLETCHER, DR. MERTON DON, b.** Manchester, Conn., July 15, 38; m. 61; c. 2. POLITICAL SCIENCE. B.A., Wesleyan, 60; M.A., California, Berkeley, 63, Ph.D.(polit. sci.), 66. ASST. PROF. POLIT. SCI., HOBAK & WILLIAM SMITH COLS., 68-. Chinese trade unions and politics. Address: Dept. of Political Science, Hobart & William Smith Colleges, Box F29, Geneva, N.Y. 14456.
- FLETCHER, PROF. RALPH CARR.** Social Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 517 Paseo del Oro, Green Valley, Ariz. 85614.
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- FLIEGE, DR. STEWART E(DWARD).** Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: V.pres. int. oper. Computer Sciences Corp, Century City, 69-. Address: 1269 Corsica Dr, Pacific Palisades, Calif. 90272.
- FLINN, DR. JOHN COLMAN, b.** Hobart, Tasmania, Feb. 3, 39; m. 64; c. 2. AGRICULTURAL ECONOMICS. B.Agr.Sc., Melbourne, 60; fel. Univ. New England, Australia, 64-68, Ph.D.(agr. econ), 68. Agronomist, Tasmanian Dept. Agr., 61-63; ASST. PROF. AGR. ECON., GUELPH, 69-. Australian Army Res., 63-66. Lt. Am. Agr. Econ. Assn.; Can. Agr. Econ. Soc.; Australian Agr. Econ. Soc. Demand and supply of irrigation water; water allocation and pricing in relation to physical and institutional constraints; simulation and analysis of crop irrigation systems. Publ: Co-auth, Development and analysis of input-output relations for irrigation water, 67 & auth, The intertemporal demand for irrigation water in an intensive irrigation area, 69. Australian J. Agr. Econ. co-auth, An application of spatial equilibrium analysis to water resource allocation, Water Resources Res., 70. Address: Dept. of Agricultural Economics, University of Guelph, Guelph, Ont., Can.
- FLINN, PROF. THOMAS A(UGUSTIN).** Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Chmn., 70-. Dept. of Political Science, Cleveland State University, Cleveland, Ohio 44102.
- FLINN, DR. WILLIAM A.** Marketing. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Prof. indust. mgt, Ga. Inst. Tech., 69-; on leave as lectr. 69-70, European Division, University of Maryland, APO New York 09403.
- FLINN, DR. WILLIAM L, b.** Piqua, Ohio, Nov. 22, 38; m. c. 1. RURAL SOCIOLOGY. B.S. Ohio State, 60, M.S., 61, Ph.D.(sociol, rural sociol), 66. Fullbright prof. & dir. Int. Bus. Mach. social. res. Nat. Univ. Colombia, 64-65; instr. rural sociol, Ohio State, 65-66; ASST. PROF. RURAL SOCIOLOGY, WISCONSIN, MADISON, 66. CHMN. EXTEN. SOCIOLOGY, 69-. asst. to dean career develop. nations, 66-68, asst. prof., land tenure career, 68-69. Rural Sociol. Soc.; Sociol. Assn. Research adaptation of rural to urban migrants in South America; adaptation-innovations. Publ: Co-auth, Internal colonialism and structural change in Colombia, Praeger, 70; auth, Process and effects of migration: two case studies, In: Urban annual, Sage, 70; Influence of community values on innovativeness, Am. J. Sociol., 5/70. Address: Dept. of Rural Sociology, 240 Agriculture Hall, University of Wisconsin, Madison, Wis. 53706.
- FLINNER, DR. LYLE P.** Psychology, Religion. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- FLIOTOS, DR. GEORGE V, b.** Youngstown, Ohio, Feb. 19, 31; m. 60; c. 2. PSYCHOLOGY. B.S.C., Ohio, 53, M.S., 58; Ph.D.(psychol), Purdue, 61. Clin. psychologist, Marion Vet. Admin. Hosp., Ind., 61-63; asst. prof. PSYCHOL., PURDUE, FT. WAYNE, 63-66, ASSOC. PROF., 66-68. Dir. How to Study in Col. Prog., 64-. Consult. Ft. Wayne Child Guid. Clin., 64-65; Five County Ment. Health Clin., 65-66; State Div. Voc. Rehab., Ind., 65-; Ft. Wayne State Hosp. & Training Center & Ft. Wayne Psychol. Assocs., 69-. Med.Serv.C., U.S.A., 54-56, 2nd Lt. Psychol. Assn. Learning; motivation; psychological tests and measurements; personality; study skills. Address: Dept. of Psychology, Purdue University, 2101 Coliseum Blvd. E., Ft. Wayne, Ind. 46805.
- FLORY, DR. RANDALL KEAN, b.** Elgin, Ill., Sept. 13, 42; m. 67. EXPERIMENTAL PSYCHOLOGY. B.A., Ill. Wesleyan, 64; N.A.S.A. fel., Arizona State, 64 & 69, Ph.D.(exp. psychol), 69. ASST. PROF. PSYCHOL., HOLLINS COL., 69-. Experimental analysis of aggressive behavior in animals; compulsive water drinking in animals. Publ: Co-auth, The effects of visual impairment on aggressive behavior Psychol. Record, 65; auth, Attack behavior in a multiple fixed-ratio schedule of reinforcement, Psychonomic Sci., 69; Attack behavior as a function of minimum inter-food interval, J. Exp. Anal. Behav., 69. Address: Dept. of Psychology, Hollins College, Va. 24020.
- FLOYD, PROF. WILLIAM A, b.** Akron, Ohio, Dec. 5, 28; m. 48; c. 2. PSYCHOLOGY. A.B., Eastern Kentucky, 49; M.A., Akron, 53; B.D. Southern Methodist, 58; Ed.D.(counseling psychol), 62. Minister, Methodist Church, 53-59; assoc. prof. psychol, Columbia Col., 59-65; Appalachian State, 65-68. PROF. PSYCHOL., HOME ECON. & FAM. Y. LIVING & HEAD DEPT., WESTERN KENTUCKY, 68-. Nat. Inst. Ment. Health fel. marriage &

- family, Minnesota, 67-68. Consult, S.C. State Hosp, 60-62; Vet. Admin, 60-67. Psychol. Asst; Asn. Marriage Couns; Personnel & Guid. Asn; Nat. Voc. Guid. Asn. Academic and vocational counseling; marital and family therapy; pastoral counseling; aptitude and personality measurement. Publ: Your future as a minister, Richards Rosen, 69; Aptitude testing with mental patients, Voc. Guid. Quart, 64; A longitudinal study of the SAT as a predictor of college success, Sch. Couns, 67. Address: Dept. of Home Economics & Family Living, Western Kentucky University, Bowling Green, Ky. 42101.
- FLUECK, DR. JOHN A. Statistics. See 12th ed, Phys. & Biol. Vols.
- FLYNN, DR. FRANK J. International Law & Relations. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 45 Everett St, Newport, R.I. 02840.
- FLYNN, PROF. PAUL P(ATRICK). Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- FLYNN, DR. WILLIAM J(OSEPH). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Mgr. exec. resources, 66-, Xerox Corp, Xerox Square, Rochester, N.Y. 14603.
- FODOR, DR. JERRY A. Philosophy, Psychology. See 5th ed, Dir. of Am. Scholars, Vol. IV, Philos, Relig. & Law.
- FOGEL, ROBERT WILLIAM. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also prof., 68-, Dept. of Economics, University of Rochester, Rochester, N.Y. 60637.
- FOLEY, DANIEL PATRICK, S.J. b. Oct. 15, 20; U.S. citizen. PSYCHOLOGY. Litt. B, Xavier (Ohio), 45; Ph.D. West Baden Coll, 48, S.T.L., 55; fel, Loyola (Ill.), 48-50, M.A., 51; Ph.D.(clin. psychol), Ottawa, 62. Teacher, parochial sch, Ohio, 50-51; dir. pub. rels, 57-58; ASSOC. PROF. PSYCHOL. XAVIER (OHIO), 58-. Psychol. Asn; Acad. Relig. & Ment. Health. Social attitudes; personality theory. Publ: Retroactive inhibition as function of changing sets, J. Gen. Psychol, 54; The psychology of a personal ideal, 64 & The psychology of a personal ideal—structured consistency, 67, J. Relig. & Ment. Health. Address: Dept. of Psychology, Xavier University, Cincinnati, Ohio 45207.
- FOLGER, DEAN JOHN K(ENNETH). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 5437 Camelot Rd, Brentwood, Tenn. 37027.
- FONDA, DR. CHARLES P(ERCY). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Clin. psychologist, 69-. Address: 88-25 148th St, Apt. 3-A, Jamaica, N.Y. 11435.
- FONTERA, DR. RICHARD MARIO. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also exec. dir. univ. acad. prog, 69-, University of Wisconsin, 120 S. University Circle Dr, Green Bay, Wis. 54305.
- FOOTE, PROF. CALEB. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- FOOTE, RICHARD J(AY). Econometrics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., 68-, Dept. of Agriculture Economics, Texas Tech University, P.O. Box 4169, Lubbock, Tex. 79409.
- FORBES, PROF. JACK D. Inter-Ethnic Relations. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-, Dept. of Applied Behavioral Science, University of California, Davis, Calif. 95616.
- FORD, DR. DEREK CLIFFORD, b. Bath, Eng, Apr. 24, 35; m. 58; c. 4. GEOGRAPHY, GEOLOGY. B.A. Oxford, 58, D.Phil.(geog), 63. Lectr. GEOG. McMaster, 59-63; asst. prof. Calif. State Coll. Los Angeles, 63-64; McMASTER, 64-68, ASSOC. PROF. 68-. ASSOC. MEM. GEOL. 65-. Consult, Bristol Waterworks, Eng, 63-66; Nat. Parks, Can, 65-. Dept. Energy, Mines & Resources, 69. Fel. Nat. Speleol. Soc. Can. Asn. Geog. fel. Royal Geog. Soc; Glaciol. Soc. Physical nature and genesis of caverns; karst landforms and groundwater systems. Publ: Features of cavern development in Central Mendip, Trans. Cave Res. Group Gt. Brit, 68; Geomorphology of the South-Central Mendip Hills, Geologists Asn, 69; co-auth. Water budget studies in karst aquifers, J. Hydrol, 69. Address: Dept. of Geography, McMaster University, Hamilton, Ont, Can.
- FORD, DR. FRANK BERNARD. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Consult: Chief info. & mgt. sci. div. 68-. Office of the Secretary of Defense, Advanced Research Projects Agency (AGILE), RDTU-T, APO San Francisco, 96346.
- FORD, DR. JOSEPH W. b. Pelham, N.Y., Oct. 5, 37; m. 66; c. 1. ECONOMICS. B.A. Fordham, 59, M.A., 61, Ph.D.(econ), 66. Instr. ECON. ST. FRANCIS COL.(N.Y.), 62-63, ASST. PROF. 65-. Am. Econ. Asn; Am. Econ. Hist. Asn; Brit. Econ. Hist. Soc. Industrial & labor economics; economic history; economic doctrines. Publ: The steel import problem, Fordham Univ, 61. Address: Dept. of Economics, St. Francis College, 180 Remsen St, Brooklyn, N.Y. 11201.
- FORD, RICHARD IRVING. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Curator ethno, mus. of anthrop. & asst. prof, 69-, Dept. of Anthropology, University of Michigan, Ann Arbor, Mich. 48104.
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- FORD, DR. WILLIAM FREITHALER, b. Huntington, N.Y., Aug. 14, 36; m. 60; c. 1. ECONOMICS. B.A. Texas, 61; M.A. Michigan, 62, Ph.D.(econ), 66. Economist, Rand Corp, 66-67; asst. prof. ECON. Virginia, 67-68; ASSOC.
- PROF. COL. BUS. ADMIN. TEX. TECH, 69-. Consult, Rand Corp, Calif, 67-U.S.N., 54-57. Econ. Asn. Economic problems of underdeveloped countries and of Latin America; economic history; systems analyses of government operations. Publ: Mexico's foreign trade and economic development, Praeger, 67. Address: Dept. of Economics, College of Business Administration, Texas Tech University, Lubbock, Tex. 79409.
- FORER, DR. RAYMOND. Sociology, Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1400 Washington Ave, Albany, N.Y. 12203.
- FOREST, SISTER CECILE, F.S.E. b. Fitchburg, Mass, May 14, 22. SOCIOLOGY. B.A. Amhurst Coll, 57; M.A. Fordham, 59, Ph.D.(sociol), 66. Instr. SOCIOL. AMNHURST COL, 62-67, ASST. PROF, 67-, CHM. DEPT, 66-. V-pres, Quinebaug Valley Health & Welfare Co, Putnam, 66-68, 69-. Sociol. Asn. College seniors' attitudes towards intermarriage; race relations, family, crime and delinquency; gerontology for pre-retired and retired religious. Address: Dept. of Sociology, Amhurst College, Route 2, Woodstock, Conn. 06281.
- FORGARTY, DR. WILLIAM J. b. Toronto, Ont, Nov. 18, 32; U.S. citizen; m. 58; t. 3. TRANSPORTATION & ENVIRONMENTAL PLANNING. B.S.C.E. Miami, 58; M.S.C.E. Purdue, 61, summers, PCA fel, 61, Nat. Sci. Found. fel, 62-64; Nat. Sci. Found. fel, Ga. Inst. Tech, 65-67 & summer 65, Ph.D. (eng), 68. Engr. trainee, Fla. State Rd. Dept, 58-59; instr. CIVIL ENG. Purdue, 59-61; ASSOC. PROF. MIAMI, 61-. C.Eng. 52-54, 1st Lt. Environmental pollution; vehicular crash studies; transportation planning data requirements. Address: Dept. of Civil Engineering, University of Miami, Coral Gables, Fla. 33124.
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- FORMAN, PROF. ROBERT EDGAR. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-, Dept. of Sociology & Anthropology, University of Toledo, Toledo, Ohio 43606.
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- FORSEY, DR. EUGENE ALFRED, b. Grand Bank, Newf, May 29, 04; m. 35; c. 2. POLITICAL SCIENCE. B.A. McGill, 25, M.A., 26, Ph.D.(polit. sci), 41, hon. LL.D., 66; B.A. Oxford, 28, M.A., 32; hon. LL.D. New Brunswick, 68. Saskatchewan, 67, Waterloo & Toronto, 68; hon. D.Litt. Memorial Univ, 66, Acadia, 67. Sessional lectr. econ. & polit. sci, McGill, 29-41; Guggenheim fel, 41-42; dir. res. CAN. LABOUR CONG, 42-66, DIR. SPEC. PROJ, 66-. Part-time sessional lectr. polit. sci, Carleton (Ont), 49-61 & 64-66, vis. prof, 66-70; Skelton-Clark fel. polit. sci, Queen's (Ont), 62-63; Can. Coun. grants, 64-66. Mem. Bd. Broadcast Gov. Can, 58-62; Ont. Adv. Cmt. Confederation, 66-70; bd. gov. Trent Univ, 66-71. Can. Polit. Sci. Asn (pres, 61-62). Nova Scotia coal industry: royal power of dissolution of parliament in the British Commonwealth; cabinet government in Canada; Canadian trade union history. Publ: Economic and social aspects of the Nova Scotia coal industry, Macmillan, Toronto, 26; co-auth. Social planning for Canada, Nelson, Toronto, 35; auth. The royal power of dissolution of parliament in the British Commonwealth, Oxford, Toronto, 43 & 68. Address: 3 Lakeview Terr, Ottawa 1, Ont, Can.
- FORSYTH, DR. DANIEL M(ARTIN). Experimental Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: V-pres, east. oper, 69-, Information International, 99 Brighton Ave, Boston, Mass. 02134.
- FORSYTH, DR. DAVID P(REVATT), b. Gatesville, N.C., Nov. 22, 41; m. 66. POLITICAL SCIENCE. B.A. Wake Forest Coll, 64; M.A., Princeton, 66, Woodrow Wilson fel, 66-68, Ph.D.(politics), 68. ASST. PROF. POLIT. SCI. Agnes Scott Coll, 67-69; GEORGIA STATE, 69-. Carnegie Endowment for Int. Peace grant & res. assoc, Princeton Center Int. Studies, summer 68. Int. Studies Asn. United Nations; international politics and law. Publ: Co-auth. Issues before the 21st General Assembly, Int. Conciliation, 9/66; auth. UN intervention in conflict situations revisited, Int. Orgn, winter 68; United Nations peace making, Mid.E. Inst, (in press). Address: Dept. of Political Science, Georgia State University, Atlanta, Ga. 30303.
- FORSYTHE, DR. EDWIN J. Industrial Relations, Economic History. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also prof. mgt, Wayne State University, 1143 Mackenzie Hall, Detroit, Mich. 48202.
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- FORTUNE, DR. HILDA O. b. Birmingham, Ala, Aug. 31, 13; m. 44; c. 1. SOCIOLOGY, SOCIAL SCIENCE. A.B. Morgan State Coll, 38; Atlanta Sch. Soc. Work, 41-42; Jessie S. Noyes & Delta Sigma Theta fel. & M.S. N.Y. Univ,



- 58, Warburg scholar & Ed.D. 63. Asst. exec. dir. soc. work agency, Baltimore Urban League, Md. 38-40; sr. superv. training center, Nat. Youth Admin. Wilberforce, Ohio, 41-42; sr. counselor personnel dept., Wright Aeronaut. Corp., N.J. 42-45; dir. dept. employ. youth serv. vol. agency, YWCA, N.Y. 47-52; dir. community orgn., N.Y. & Westchester Urban Leagues, 52-63; asst. prof. guidance, Brooklyn Coll., 63-68; ASSOC. PROF. SOCIOLOGY, YORK COL. CITY UNIV. N.Y., 68. Mem. faculty & dir., Lab. Class Human Relns., N.Y. Univ., 58-66, mem. faculty sec. ed., 68-69 & summers 65, 66; instr., Mt. Sinai Hosp. Sch. Nursing, 66 & 67; bd. ed., New York City In-Serv. Course, 67-68; summers, Dir. leadership training for African women, African-Am. Inst., Conn. Col. Women, 64, dir., Workshop in Human Relns., Missouri-Kansas City, 64, 65. Consult., VISTA; President's Cmn. Status of Women, Nat. Voc. Guid. Assn.; Personnel & Guid. Assn.; Nat. Assn. Soc. Workers. Human relations. Publ.: Shared leadership-new concepts, Walker, 65; Training manual, Block Communities, 68; Training Manual, Bd. Fund Ed., 69. Address: Division of Sociology, York College, City University of New York, 158-11 Jewel Ave., Flushing, N.Y. 11365.
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- FRATCHER, PROF. WILLIAM F(RANKLIN). Law. See 5th ed. Dir. Am. Scholars, Vol. IV, Phils., Relig. & Law.
- FRAZIER, PROF. LOIS ELIZABETH, b. Spray, N.C. June 20, 20. BUSINESS, ECONOMICS. B.S. Women's Col. North Carolina, 42; M.S. North Carolina, 48; South. Fels. Fund summer grant, Indiana, 56. Ed.D. (bus. ed.), 61. Teacher, high sch. N.C. 42-44; head dept. bus. Brevard Col. 44-46, 47-52, asst. bus. ed. Women's Col. North Carolina, 46-47, instr. econ. 52-53; assoc. prof. bus. Flora MacDonald Col. 53-54; PROF. BUS. & ECON. & CHMN. DEPT. MEREDITH COL. 54- Summer fel. econ-in-action prog. Case West. Reserve, 69. Consult. Accrediting Cmn. Bus. Schs. 66-70. Chmn. res. & ed. cm. Bus. & Prnl. Women's Found. 63-66. Nat. Bus. Ed. Assn. Admin. Mgt. Soc. Office management; business law; business communication; methods of teaching business education. Address: Dept. of Business and Economics, Meredith College, Raleigh, N.C. 27602.
- FRAZIER, DR. THOMAS W(AYNE), b. Charleston, Ill. Dec. 23, 35; m. 60; c. 2. EXPERIMENTAL PSYCHOLOGY. B.S. Bradley, 57; M.A. 58; Ph.D. (psychol.), Fla. State, 66. Intern clin. psychol. Vet. Admin. Center, Kewoughtan, Va. 61-62. exp. psychologist, Manned Spacecraft Center, NASA, 62-66; CHIEF DEPT. PSYCHOPHYSIOL. WALTER REED ARMY INST. RES. 66-, lectr. mil. med. training course, 67-69. Dir. prnl. activities, Behav. Tech. Consult. Inc. 69. Consult. Manned Spacecraft Center, NASA, 68-69; U.S. Vet. Admin. 69; U.S. Pub. Health Serv. & State Dept. Health, Md. 70. Group achievement award, Proj. Gemini Prog. 64. Psychol. Assn. Psychophysiology of behavior stress; performance decrement; human vigilance; behavior modification: conditioning processes. Publ. Avoidance conditioning of heart rate in humans, 68 & Psychophysiology of conditioned emotional disturbances, 69. Psychophysiology: Control of human vigilance by concurrent schedules, *J. Exp. Anal. Behav.* 69. Address: Dept. of Psychophysiology, Walter Reed Army Institute of Research, Washington, D.C. 20012.
- FREDERICK, DR. CALVIN J(EFFERSON). Psychology. See A-K Vol. 11th ed. Soc. & Behav. Vols. Change of address: 10500 Rockville Pike, Apt. 809, Rockville, Md. 20852.
- FREDERICK, DR. HARRIET ELIZABETH, b. Champaign, Ill. Nov. 26, 06; m. 33; c. 5. PSYCHOLOGY, SPECIAL EDUCATION. A.B. Northwest State Col. 26; M.A. Illinois, 30, Ph.D. (deaf ed.), 65; M.A. Louisville, 60. Teacher, pub. schs. La. 26-29; home teacher, 31-33; home teacher, psychol. Pub. Schs. Ky. 48-56, teacher deaf oral classes, 56-63; sch. psychologist, 64-66, superv. spec. ed. 66-67, sch. psychologist, 67; ASSOC. PROF. & PSYCHOL. CONSULT. SPEECH & LANG. DISORDERS & ED. PHYS. HANDICAPPED, NORTHWEST STATE COL. 67- Res. asst., Illinois, 60-62 & 63-64; lectr. Louisville, 62-67; summers, speech & hearing therapist, Ky. Soc. Crippled Children, 60-62. Psychol. Asst. Speech & Hearing Assn. Am. Children Learning Disabilities; Counc. Except. Children. Language development and language disorders in children, especially deaf, brain injured or emotionally disturbed children. Address: Special Education Center, Northwestern State College, Natchitoches, La. 71457.
- FREDERICKSON, DR. WILLIAM A. b. Sidney, Iowa, June 9, 34; m. 58; c. 1. PSYCHOLOGY. B.A. Willamette, 56; M.A. Baylor, 57; Ed.D. (ed. psychol. measurement), Oklahoma, 67. Instr. psychol. Southwestern Louisiana, 57-58; res. psychologist, Adj. Gen. Res. & Develop. Command, Dept. Army, 58-61; instr. PSYCHOL. Southwestern Louisiana, 61-64; CENT. STATE COL. (OKLA), 64-66; instr. prof. 66-67; ASSOC. PROF. 67-, CHMN. DEPT. 68-U.S.A. 58-61, 1st Lt. Human learning; psychometrics; social psychology. Address: Dept. of Psychology, Central State College, Edmond, Okla. 73034.
- FREDERIKSEN, DR. JOHN R. b. Feb. 15, 41; U.S. citizen; m. 65. PSYCHOLOGY. B.A. Harvard, 63; M.A. Princeton, 65, 66; Ph.D. (psychol.), 66. Res. fel. PSYCHOL. Center Cognitive States, Harvard, 66-67; res. asst., Mass. Inst. Tech. 67-68; ASST. PROF. BRANDEIS, 68- AAAS; Psychol. Assn. Psychomet. Soc. Experimental studies of perception and memory; psychological scaling methods; cognitive processes; mathematical psychology. Publ. Cognitive factors in the recognition of ambiguous auditory and visual stimuli, *J. Personality & Monogr.* 67. Response perseveration in auditory word recognition, *J. Exp. Psychol.* 79; 48-55. Address: Dept. of Psychology, Brandeis University, Waltham, Mass. 02154.
- FREDIAN, DR. ALAN J(AMES). Psychology. See A-K Vol. 11th ed. Soc. & Behav. Vols. New information: Also dir. inst. indust. rels, Loyola (Ill), 69- Address: 820 N. Michigan, Chicago, Ill. 60611.
- FREDLUND, DR. MELVIN C. b. Tacoma, Wash. Aug. 6, 36; m. 55; c. 3. ECONOMICS. B.A. Washington (Seattle), 65; M.A. 67, Ph.D. (econ), 68. ASST. PROF. ECON. WAYNE STATE, 68- U.S.A. F. 56-60. Econ. Assn. Theoretical and empirical research area of managerial discretion models of firm behavior and effects on structure and performance of industries. Address: 10074 Vernon, Huntington Woods, Mich. 48070.
- FREDMAN, H. B. Anthropology. History. See A-K Vol. 11th ed. Soc. & Behav. Vols. New position: Sr. analyst, ops. eval. group, Center Naval Anal. 68- Address: 1827 Panorama Court, McLean, Va. 22101.
- FREED, DR. STANLEY A(RTHUR). Cultural Anthropology. See A-K Vol. 11th ed. Soc. & Behav. Vols. New information: Also acting chmn. 69-, American Museum of Natural History, Central Park West at 79th St, New York, N.Y. 10024.
- FREEDHEIM, DR. DONALD K(OPERLIK). Psychology. See A-K Vol. 11th ed. Soc. & Behav. Vols. New information: Assoc. prof. Case Western Reserve, 69-; ed. *Prnl. Psychol.* Address: Dept. of Psychology, Case Western Reserve University, Cleveland, Ohio 44106.
- FREEDMAN, DR. DAVID ASA. Neurology, Psychiatry. See Suppl. VI to 11th ed. Phys. & Biol. Vols.
- FREEMAN, DR. DAVID MEADOWS, b. Glendive, Mont. Jan. 27, 39; m. 60; c. 3. INTERNATIONAL RELATIONS, HISTORICAL SCIENCE. B.A. Rocky Mt. Col. 61; H.I. Heinz fel. Pittsburgh, 61-62, M.P.H.A. 64; univ. fel. Denver, 64-67; Ph.D. (int. rels), 67. Progs. officer, Peace Corps, India, Ceylon & Nepal, 62-64; ASST. PROF. SOCIOL. OF DEVELOP. COLORADO STATE, 67- Polit. Sci. Assn. Soc. Int. Develop. Sociology of unplanned and planned change; social conflict; public policy formulation and execution. Address: Dept. of Sociology, Colorado State University, Ft. Collins, Colo. 80521.
- FREEMAN, DR. JAMES MONTAGUE, b. Chicago, Ill. Dec. 1, 36; m. 68. SOCIAL ANTHROPOLOGY. B.A. Northwestern, 58; fel. Harvard, 58-59, M.A. 64, Ph.D. (anthrop), 68. ASST. PROF. humanities, SAN JOSE STATE COL. 66, ANTHROP. 66- ANTHROP. Assn. Asian Studies. Religion and myth; political anthropology; social change in South Asia. Publ. Myth and metaphysics in Indian thought, *Monist*, 10/66. Address: Dept. of Anthropology, San Jose State College, San Jose, Calif. 95114.
- FREEMAN, DR. JOAN E. Archeology, Museology. See A-K Vol. 11th ed. Soc. & Behav. Vols. New position: Archeologist, State of Wis. 65- Address: 1205 W. Midvale Blvd, Madison, Wis. 53711.
- FREEMAN, DR. JOHN A. Neuropsychology, Biophysics. See Suppl. VI to 11th ed. Phys. & Biol. Vols.
- FREEMAN, PROF. JOHN ALBERT, b. Keota, Okla. Jan. 15, 20; m. 52; c. 2. PSYCHOLOGY. B.A. Ouachita Baptist Col. 41; Th.M. South. Baptist Theol. Sem. 45; M.A. Okla. State, 54, Ed.D. (ed. psychol), 56. Asst. prof. psychol. Oklahoma Baptist, 53-56; assoc. prof. Wayland Baptist Col. 56-60; res. assoc. parapsychol. Duke, 60-64; Inst. Parapsychol. 64-65; PROF. PSYCHOL. CAMPBELL COL. (N.C.), 66- Res. fel. parapsychol. lab. Duke, 60-63. Design and administration of test booklets in parapsychology, especially prediction of scoring direction based on intellectual differences, sex differences and target material. Publ. Co-auth. Sex differences in precognition tests, *Parapsychol. Today*, Citidel, 68; auth. Sex differences and primary mental abilities in a group precognition test, 68 & The psi differential effect in a precognition test, 69, *J. Parapsychol.* Address: 1614 University Dr, Durham, N.C. 27707.
- FREEMAN, PROF. LINTON C. Sociology. See A-K Vol. 11th ed. Soc. & Behav. Vols. New position & address: Prof. 69-, Dept. of Sociology, University of Hawaii, Honolulu, Hawaii 96822.
- FREEMAN, DR. MILTON M(ALCOLM) (ROLAND), b. London, Eng. Apr. 23, 34; m. 67; c. 3. ANTHROPOLOGY, ECOLOGY. B.Sc. Reading, 56, B.Sc. 57; Carnegie Arctic scholar, McGill, 58-60, Ph.D. (ecol), 65; London, 62-64. Res. asst. ecol. McGill, 60-61; field asst. ecol. zool. Arctic Biol. Sta. Fed. Fisheries Res. Bd. 61; res. demonstr. zool. Queen Elizabeth Col. London, 62-64; res. asst. ecol. Marine Sci. Center, McGill, 64-65; res. contract. Fed. Dept. Indian Affairs & North. Develop. 65-67; ASST. PROF. ANTHROP. MEMORIAL UNIV. 67- Res. grant. Nat. Mus. Can. 68; Soc. Sci. Res. Coun. travel grants to int. meetings, 68 & 69. Del. working party conf. Int. Biol. Prog. 67. Assoc. mem. Arctic Inst. N.Am. Anthropol. Assn. Human ecological studies of maritime societies in the Arctic, especially changing ecologic adaptations of contemporary Eskimo groups. Publ. Ecological study of mobility & settlement patterns among the Belcher Island Eskimo, Arctic, 67; Studies in maritime hunting. I. ecologic and technologic restraints on walrus hunting, Southampton Island, N.W.T. Folk, 69; Ethics, economics and prestige—a reexamination of Netsilik Eskimo infanticide, *Proc. Int. Cong. Americanists*, 70. Address: Dept. of Sociology & Anthropology, Memorial University, St. John's, Newfoundland.
- FREEMAN, DR. RICHARD BARRY, b. New Windsor, N.Y. June 29, 44. ECOONOMICS. B.A. Dartmouth Col. 63; Ph.D. Harvard, 68. ASST. PROF. ECON. Yale, 68-69; Harvard, 69-70; CHICAGO, 70- Labor, research and development economics. Publ. Co-auth. Population labor force and unemployment in chronically depressed areas, U.S. Gov. Printing Off. 64 & Labor economics, Prentice-Hall, (in press); auth. The labor market for high-level manpower, Harvard, (in press). Address: Dept. of Economics, University of Chicago, Chicago, Ill. 60637.
- FREEMAN, ROBERT B(URNS), JR. Experimental Psychology. See A-K Vol. 11th ed. Soc. & Behav. Vols. New position: Assoc. prof. 68-, Dept. of Psychology, Pennsylvania State University, University Park, Pa. 16802.
- FREEMAN, DR. ROBERT E(DWIN), b. Fargo, N.Dak. Jan. 28, 16; m. 38; c. 4. ECONOMICS. B.S. Minnesota, 38; M.S. Connecticut, 37; Harvard, 37-38; Ph.D. (agr. econ), Purdue, 64. Economist, Commodity Credit Corp., U.S. DEPT. AGR. 38-44, procedure officer naval stores mkt. Prod. & Mkt. Admin. 45-50, mkt. specialist, Agr. Mkt. Serv. 50-53, res. economist. ECON. RES. SERV. 63-67, GROUP LEADER RURAL HOUSING, 67- Instr. Maryland, 65- U.S.N. 44-46, Lt. (jg). Econ. Assn. Agr. Econ. Assn. Agricultural marketing; economic development. Publ. Roles of farm production and marketing margins on postwar decline in farm prices, *J. Farm Econ*, 7/66; Farm retail price spreads for dairy products, 1939-66, 6/67 & Geographic pattern of fluid milk prices, 4/68, U.S. Dept. Agr. Address: 1021 Arlington Blvd, Apt. J-843, Arlington, Va. 22209.

- FREILICH, PROF. MORRIS. Cultural Anthropology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New publ. Ed. Marginal natives: anthropologists at work, Harper & Row, 70. Address: Dept. of Sociology & Anthropology, Northeastern University, Boston, Mass. 02115.
- FREITAG, DR. GILBERT. b. Atlantic City, N.J. Mar. 30, 41; m. 63; c. 3. CLINICAL PSYCHOLOGY. B.A. California, Los Angeles, 63; M.A. Yale, 65, Ph.D.(clin. psychol.), 68. ASST. PROF. CLIN. PSYCHOL., CALIFORNIA, LOS ANGELES, 68. Child psychopathology; social responsiveness of autistic children; community mental health. Publ: Co-auth, Experimental studies in childhood schizophrenia: analysis of self-destructive behavior, 65, Establishment of social reinforcers in two schizophrenic children on the basis of food, 66 & An experimental study of the social responsiveness of children with autistic behaviors, 70, J. Exp. Child Psychol. Address: Dept. of Psychology, University of California, 405 Hilgard Ave, Los Angeles, Calif. 90024.
- FREITAG, DR. MELVIN. Experimental Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Mem. tech. staff, Logicon, Inc. 69- Address: 1910 Shire Dr, El Cajon, Calif. 92020.
- FREITHALER, DR. WILLIAM O. Economics. See FORD, DR. WILLIAM FREITHALER, this Suppl.
- FRENCH, DR. EDWARD L (LIVINGSTONE). Psychology. See 11th ed, Soc. & Behav. Vols, deceased 69.
- FRENCH, PROF. JOHN W (INSLOW). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also res. consult, 69-, New College, Sarasota, Fla. 33578.
- FRENCH, PROF. WENDELL LOWELL. Industrial Psychology & Relations. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 17364 Beach Dr. N.E. Seattle, Wash. 98155.
- FRESCHI, DR. VINCENT JOSEPH. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Psychol. consult, St. Gabriels Hall, 69- Address: 1424 Rollinview Dr, West Chester, Pa. 19380.
- FRETWELL, DR. STEVE D. Population Ecology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- FRETZ, DR. BRUCE R. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. 68-, Dept. of Psychology, University of Maryland, College Park, Md. 20742.
- FREUD, DR. SHELTON L (EE). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Dir, Freud Associates, consult. psychologists, 69- Address: 5108 26th Ave, Washington, D.C. 20031.
- FREUDENBERGER, DR. HERBERT J (JUSTIN). Clinical Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Assoc. prof. N.Y. Univ. Address: 890 Park Ave, New York, N.Y. 10021.
- FREUND, DR. GERALD. Political Science, History. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Consult. to pres. for invention in creative & performing arts, Yale, 69-; consult. humanities & soc. sci. & arts, Rockefeller Found. Address: Yale University, 304 Stratcona Hall, New Haven, Conn. 06520.
- FREUND, DR. LUDWIG F (RANZ). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: Bevenser Weg 10, Apt. B 407, 3 Hannover-Kleefeld, W. Germany.
- FREY, DR. M. WILLIAM, II. Management Science, Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Ph.D.(bus. admin), Pa. State, 63. Assoc. prof. mgmt. & dir, M.B.A. prog. 68-, School of Business, University of Massachusetts, Amherst, Mass. 01002.
- FREY, DR. PETER WILLIAM. b. Corning, N.Y. May 19, 42; m. 64; c. 1. PSYCHOLOGY. B.A., Yale, 64; M.A., Wisconsin, 66. Ph.D.(psychol.), 68. ASST. PROF. PSYCHOL. NORTHWESTERN, 68-. Nat. Inst. Ment. Health res. grants, 69-72. AAS; Psychonomic Soc. Pavlovian conditioning in animals; central stimulation and learning; mathematical models of learning. Publ: Differential conditioning of the rabbit eyelid response with an examination of Pavlov's induction hypothesis, J. Comp. Physiol. Psychol., 64: 277-283; Magnesium penicillin: effect on avoidance conditioning in rats, Science, 155: 1281-1282; Differential rabbit eyelid conditioning as a function of age, interstimulus interval, and cue similarity, J. Exp. Psychol., 81: 326-333. Address: Dept. of Psychology, Northwestern University, Evanston, Ill. 60201.
- FREY, DR. ROGER B (URNHAM). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Acting dir. 69-, South Campus, University of Maine, Bangor Hall, Bangor, Maine 04401.
- FRIED, DR. PETER ALEXANDER. b. Chester, Eng. Dec. 15, 43; Can. citizen; m. 58. PSYCHOLOGICAL PSYCHOLOGY. B.Sc. McGill, 64; M.A., Waterloo, 65, Ph.D.(psychol.), 67. ASST. PROF. PSYCHOL., CARLETON (ONT), 68-. Nat. Res. Coun. grant, 68-69; Med. Res. Coun. res. grant, 68-70. Approach-avoidance conflict in children and subhuman species; the physiological correlates of conflict resolution. Publ: Co-auth, The effects of hippocampal lesions at different stages of conflict in the rat, Physiol. & Behav., 2: 325-330; auth, Effects of septal lesions on conflict reduction in rats, J. Comp. & Physiol. Psychol., 69: 373-380; Case study: restoration of binocular vision to a functionally monocular sighted adult, Perceptual & Motor Skills, 30: 939-943. Address: Dept. of Psychology, Carleton University, Ottawa, Ont, Can.
- FRIEDBERG, DR. (FRANK) TED. b. Houston, Tex. Aug. 13, 38; m. 60; c. 3. CLINICAL PSYCHOLOGY. B.S., North Texas State, 60, M.S., 61; Ph.D.(psychol.), Georgia, 68. Staff psychologist, Cent. La. State Hosp. Pineville, 61-63; E.La. State Hosp. Jackson, 64-65; ASST. PROF. PSYCHOL., SOUTH-WESTERN LOUISIANA, 68-. Part-time staff psychologist, Lafayette Ment. Health Center, 67-. Psychol. Assn. Individual psychotherapy. Address: 105 Grace Ave, Lafayette, La. 70501.
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- FRIEDLAENDER, DR. JONATHAN SCOTT. Physical Anthropology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- FRIEDLAND, PROF. S (EYMOUR). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. Capital mkts. res. prog, York, 68- Address: 34 Green Valley Rd, Toronto, Ont, Can.
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- FRIEDMAN, DR. BERNARD H (ERTZ). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. 68-, Dept. of Economics, Kutztown State College, Kutztown, Pa. 19330.
- FRIEDMAN, DR. JOSEPH. Clinical Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 135 Henfield Ave, Cherry Hill, N.J. 08034.
- FRIEDMAN, PROF. JULIAN R (ICHARD). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. polit. sci. Syracuse, 69- Address: 122 Westminster Ave, Syracuse, N.Y. 13210.
- FRIEDMAN, PROF. LAWRENCE M. Law. See 5th ed, Dir. Am. Scholars. Vol. IV, Philos. Relig. & Law.
- FRIEDMAN, DR. MERTON H (IRSCH). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Clin. assoc. prof. psychiat. N.J. Col. Med. Address: Psychology Service, Veterans Administration Hospital, East Orange, N.J. 07019.
- FRIEDMAN, PROF. MONROE PETER, b. Brooklyn, N.Y. Oct. 16, 34; m. 56; c. 3. PSYCHOLOGY. B.S., Brooklyn Col, 56; Ph.D.(psychol.), Tennessee, 59. Inst. psychol. Tennessee, 57-59; human factors scientist, Syst. Develop. Corp. Calif., 59-64; assoc. prof. PSYCHOL., EASTERN MICHIGAN, 64-69. PROF., 69-. Am. Polit. Sci. Assn. cong. fel. 66-67. Psychol. Assn. Consumer problems; man-machine systems; foreign affairs. Publ: Co-auth, The effects of hunger on taste and odor RLs, J. Comp. & Physiol. Psychol., 53: 576-581; auth, Consumer confusion in the selection of supermarket products, J. Appl. Psychol., Vol. Conf. No. 6 & Quality of life: a new paradigm in consumer decision making, J. Consumer Affairs, 1: 13-23. Address: Dept. of Psychology, Eastern Michigan University, Ypsilanti, Mich. 48197.
- FRIEDMAN, DR. S. THOMAS. b. Chicago, Ill. Feb. 3, 18; m. 40; c. 3. SOCIAL PSYCHOLOGY. B.A., Illinois, Urbana, 38; M.A., Northwestern, 40; Ph.D.(psychol.), Texas, Austin, 63. Psychologist, Jewish Soc. Serv. 38-42; exec. dir., Southwest Community Rel. Coun., 46-59; ASSOC. PROF. ED. PSYCHOL., TEXAS, AUSTIN, 63- U.S.A.A.F. 42-45, 1st Lt. Psychol. Assn. Ed. Res. Assn. Attitude measure; social change. Address: Dept. of Educational Psychology, University of Texas at Austin, Austin, Tex. 78712.
- FRIEDMAN, DR. STANFORD B. Pediatrics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. pediat. & psychiat. 68-. Dept. of Pediatrics, University of Rochester, Medical Center, Rochester, N.Y. 14620.
- FRIEDMAN, DR. WILLIAM HERBERT. b. Indianapolis, Ind. May 16, 33; m. 60; c. 3. CLINICAL PSYCHOLOGY. A.B. Kansas, 56; M.A., Connecticut, 60, Ph.D.(psychol.), 64. Lectr. psychol. North Carolina, Greensboro, 63-64. asst. prof. 65-66, dir. counseling center, 64-66; CHIEF CLIN. PSYCHOLOGIST, PSYCHIAT. DIV. STUDENT HEALTH SERV. INDIANA, BLOOMINGTON, 66- U.S.A. 53-56. Psychol. Assn. Col. Health Assn. Psychotherapy. Publ: Co-auth, Relationship of A-B status to patient symptomatology and psychotherapy expectations, J. Abnormal Psychol., 69; auth, The role of research in student health services, 69 & co-auth, Mental health unit of a student health service: a study of a clinic, 69, J. Am. Col. Health Assn. Address: Student Health Center, Indiana University, Bloomington, Ind. 47401.
- FRIEDMANN, PROF. JOHN. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. 69-, School of Architecture & Urban Planning, 1118 School of Architecture, University of California, Los Angeles, Calif. 90024.
- FRIEDRICHS, DR. DAVID WILLIAM. b. Baton Rouge, La. Jan. 24, 25; m. 52; c. 1. POLITICAL SCIENCE. Concordia Sem. 46-52; Auburn, 56-59. Danforth Found. grant, 59; Ph.D.(polit. sci.), Tulane, 67. Asst. prof. polit. sci. Concordia Col. 64-68; academic dean, MICH. LUTHERAN COL., 66-69, DIR. RES. POLIT. SCI., 68-. ACADEMIC V. PRES., 69-. U.S. Off. Ed. fel. inst. res. & develop. Ore. State Syst. Higher Ed. summer 69. Consult. polit. affairs & ed. res. & develop. Grabo Res. & Mgt. Consults, 70. Polit. Sci. Assn. Ed. Res. Assn. Urban politics; urban higher education for minorities, research and development. Address: Dept. of Research, Michigan Lutheran College, 7351 Woodward Ave, Detroit, Mich. 48202.
- FRIEL, DR. CHARLES MICHAEL. b. Westfield, N.J. Nov. 17, 39; m. PSYCHOLOGY, CRIMINOLOGY. B.A., Catholic Univ., 62, M.A., 64, Ph.D.(psychol.), 68; fel. Cornell, 64-66. Res. assoc. aerospace med. Manned Spacecraft Center, NASA, Houston, 66-67; ASSOC. PROF. STATIST. RES, SAM



- HOUSTON STATE & DIR. CRIMINOL. RES. INST. CONTEMPORARY CORRECTIONS & BEHAV. SCI, 67- Consult, Tex. Criminal Justice Coun, Austin, 68-; Proj. Search, U.S. Dept. Justice, 69- Psychol. Assn; Nat. Inst. Crime & Delinquency; Int. Narcotics Enforcement Off. Assn. Criminal law; the courts; law enforcement; corrections; criminal statistics. Publ: Co-auth. Guidelines for biomedical data processing, NASA Publ, 2/67, Job obstacles in law enforcement and correctional field, Inst. Contemporary Corrections & Behav. Sci, Sam Houston State Univ, 68 & The Negro law enforcement officer in Texas, Criminal Justice Monogr, Vol. 1, No. 4. Address: Dept. of Behavioral Science, Sam Houston State University, Huntsville, Tex. 77340.
- FRIER, PROF. DAVID ARNOLD, b. Benton, Ill, Mar. 29, 31; m. 52; c. 4. POLITICAL SCIENCE. B.S. Southern Illinois, 54, M.A., 57, Ph.D. (polit. sci.), 68. Asst. POLIT. SCI., Southern Illinois, 54-56; lectr, 56-66; asst. prof., 66-69; Western Illinois, 69-69; assoc. prof., 69-70, PROF. Co-auth. WILSON, J. (ed.), 69, Slippery Rock State Col., 70- Consult. League Women Voters, 69. American institutions, especially in the area of conflict of interest. Publ: Conflict of interest in the Eisenhower administration, Iowa State Univ, 69 & Penguin, 70. Address: Dept. of Political Science, Western Illinois University, Macomb, Ill. 61455.
- FRIERSON, DR. EDWARD C., b. Akron, Ohio, Dec. 22, 33; m. 55; c. 6. PSYCHOLOGY, EDUCATION. B.A. Wheaton Col. (Ill), 55; M.Ed. Miami (Fla), 59; Ph.D. (spec. ed.), Kent State, 54. Instr. ed, Kent State, 61-64; assoc. prof. spec. ed, George Peabody Col., 64-69; LECTR. SPEC. ED. TENNESSEE, NASHVILLE & EXEC. DIR. NASHVILLE LEARNING CENTER, 69. Distinguished lectr., med. sch., Univ. California, 68. Univs. Cincinnati & Northern Illinois, 69. Consult. White House Task Force on Talent Development, 68-69; World Fedn. Neurol. Res. Group on Dyslexia & World Illiteracy, 68. Pres. distinguished serv. award, Int. Assn. Children with Learning Disabilities, 69. Sig. C. U.S.A.R. 55-65, Capt. Psychol. Assn; Personnel & Guid. Assn; Ed. Res. Assn. Unusual learning disabilities and disabilities in children; creativity; reading. Publ: Co-auth. Educating children with learning disabilities, Appleton, 67; auth. Gifted children with specific learning disabilities, Spec. Child Pub, 68; The Gifted, Am. Ed. Res. Assn. Res. Rev, 69. Address: 925 Davidson Dr. Nashville, Tenn. 37205.
- FRISANCHO, DR. ROBERTO. Physical Anthropology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- FROELICH, DR. ROBERT EARL. Psychiatry. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. psychiat., 69- University of Oklahoma School of Medicine, 800 E. 13th St. Oklahoma City, Okla. 73104.
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- FROMME, DR. DONALD K., b. Dodge City, Kans. Nov. 25, 38; m. 65; c. 1. CLINICAL PSYCHOLOGY. B.M.S. Boston, 61; Ph.D. (psychol.), Iowa, 66. Intern. clin. psychol. Hawaii State Hosp, Kaneohe, 63-64; lectr. PSYCHOL. Far East div, Univ. Maryland, 65-66, European div, 66-67; ASSOC. PROF. OKLA. STATE, 67- Psychol. consult, Payne County Guid. Center, Stillwater, Okla., 67-; Garfield County Guid. Center, Enid, 69- Psychol. Assn. Study of physiological, learning and sociocultural parameters related to emotional, abnormal and small group behavior and techniques for modifying such behavior. Address: Dept. of Psychology, Oklahoma State University, Stillwater, Okla. 74074.
- FROMOVITZ, DR. STANLEY, b. Lodz, Poland, May 31, 36; Can. citizen. STATISTICS, MANAGEMENT SCIENCE. B.A.Sc. Toronto, 60, M.A., 61; Ph.D. (statist.), Stanford, 65. Mathematician Shell Develop. Co, Calif., 64-67; ASST. PROF. QUANT. METHODS, SANTA CLARA, 68- Ops. Res. Soc. Am. Mathematical programming; inventory theory; operations research—general modeling. Publ: Non-linear programming with randomization, Mgt. Sci., 7/65. A class of one-period inventory models, Ops. Res., 9/65; co-auth. A Maximum principle in mathematical programming, Proc. Conf. Math. Theory of Control, 1/67. Address: School of Business, University of Santa Clara, Santa Clara, Calif. 95053.
- FROOMKIN, DR. JOSEPH NATHAN, b. Harbin, China, Feb. 7, 27; U.S. citizen; m. 58; c. 2. ECONOMICS. B.A. St. John's Univ., Chgo., 52, M.B.A. Chicago, 47, Ph.D. 50. Economist, fiscal div, UN, 50; Mayor's Cmt. Mgt. Surv. New York, N.Y., 50-51; res. assoc. bur. appl. soc. res, Columbia, 51; economist, int. prog. taxation, law sch, Harvard, 54-55; sr. economist, Aeronaut. Res. Found., Mass., 55-57; sys. analyst & planner, Int. Bus. Mach. Corp., N.Y., 57-66; asst. cmr. ed. for prog. planning & eval. Off. Ed. U.S. Dept. Health, Ed. & Welfare, 66-69; PLANNER, INT. BUS. MACH. CORP., D.C., 69- Wollman Mem. lectr., City Col. New York, 64. Agency Int. Develop. consult, Japan, 61; Morocco, 65. U.S.A., 52-54, Sgt. Econ. Assn; Statist. Assn. Government policy for education; economic development; public finance; planning and corporate finance. Publ: Co-auth. Technology and jobs: automation and perspective, 68; auth. Students and buildings, 68. Aspirations, enrollments and resources: the challenge to higher education in the seventies, 70. U.S. Govt. Printing Off. Address: 4724 32nd St. N.W., Washington, D.C. 20008.
- FROST, PROF. RICHARD T., b. Burlington, Vt. Dec. 30, 26; m. 52; c. 4. POLITICAL SCIENCE. A.B. Wesleyan, 49; Ph.D. (pol. sci.), Syracuse, 56. Asst. prof. polit. sci., Princeton, 56-61; assoc. prof. polit. sci. & asst. to pres, Reed Col., 61-63, prof. & v.pres, 63-65, prof., 67-69; nat. dir. proj. upward bound, U.S. Off. Econ. Opportunity, 65-67; PROF. POLIT. SCI., SYRACUSE & DIR. URBAN STUDIES, SYRACUSE UNIV. RES. CORP., 69- U.S.A.F., 51-54, 1st Lt. Polit. Sci. Assn; Soc. Pub. Admin. Race relations in United States cities. Publ: Cases in state and local government, 61 & co-auth. Cases in American national government, 66, Prentice-Hall; Schoolmen and politics, Syracuse Univ, 62. Address: Dept. of Political Science, Syracuse University, 723 University Ave, Syracuse, N.Y. 13210.
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- FRUMKES, DR. THOMAS EUGENE. Physiological Psychology, Neuropsychology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- FRUMKIN, DR. ROBERT (MARTIN), b. Newark, N.J., Mar. 20, 28; div. c. 1. REHABILITATION PSYCHOLOGY, BEHAVIORAL SCIENCES. B.A. Upsala Col., 48; New Sch. Soc. Res., 48-49; M.A. Ohio State, 51, Ph.D. (social. psychol.), 51; Soc. Psychol., 63-64; Cleveland Inst. Art., 65-66. Instr. social. & psychol. Hampton Inst., summer 52; soc. res. analyst, Ohio State Dept. Ment. Hyg. & Correction, 52-54; instr. social. & psychol., Buffalo, 54-57; psychiatrist, soc. worker, Buffalo State Hosp, N.Y., summer 57; asst. prof. social. & anthrop., State Univ. N.Y. Oswego, 57-61. assoc. prof., 61-63; res. assoc. geront., Benjamin Rose Inst., 64-65; dir. res. Community Action for Youth, Cleveland, Ohio, 65-66; Cleveland Soc. Blind, 66-67; ASSOC. PROF. REHAB. COUNSELING & RES. KENT STATE, 67- Abstr. Psychol. Abstracts, 54-63; lectr., Cuyahoga Community Col., 65-66. Consult. N.Y. State Dept. Health, 56 Nat. League for Nursing, 59; Cleveland Psychiat. Inst., 66. Res. ed. J. Human Rel., 58- Hosp. C, U.S.N., 46-47. Fel. Social. Assn; fel. Soc. Sci. Study Sec; Psychol. Assn. Social psychiatry and pathology: sexual behavior: social psychology of art. Publ: Occupation and major mental disorders. In: Mental health and mental disorder, Norton, 55; Sexual freedom. In: Encyclopedia of sexual behavior, Hawthorn, Vol. 1, 61; Social class, religion, values, and dogmatism as factors in painting preferences, Indian J. Soc. Res., 1/61. Address: 310 Education Bldg, Kent State University, Kent, Ohio 44240.
- FRY, DR. FRANKLYN (DWEY). Clinical Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Chief psychologist, 69-, Governor Bacon Health Center, Delaware City, Del. 19706.
- FRY, DR. PREM S., b. Karachi, Pakistan, Feb. 20, 34; m. 68. PSYCHOLOGY, SOCIOLOGY. M.A. Agra 53; Fulbright fel. Michigan, 59-60, M.A., 61; Ph.D. (counseling, psychol.), Pa. State, 63. Prog. officer admin. Suburban scholar, U.S. Ed. Found, India, 63-64; psychol. counsr. & res. consult. off. dean women, Pa. State, 64-66; asst. prof. ED. PSYCHOL., CALGARY, 66-69, ASSOC. PROF., 69-, STUDENT COUNSR, 66. Psychol. Assn; Personnel & Guid. Assn. Measurement of leadership potential; personality of behavioral change through laboratory education. Publ: Personality characteristics differentiating leaders from non-leaders in a university setting, spring 64 & A survey of student attitudes, fall 66, Nat. Assn. Women Deans & Counsr. J.; Guilt theory versus anxiety theory of maladaptive behavior, Can. Psychol. 10/69. Address: Student Counseling Services, University of Calgary, Calgary, Alta. Can.
- FRYE, DR. ALTON, b. Nashville, Tenn., Nov. 3, 36; m. 53. INTERNATIONAL RELATIONS. B.S. St. Louis, 58; Wilson fel., Yale, 58-59, Young fel., 59-60, Gen. Elec. Found. & Sterling fel., 60-61, Ph.D. (int. rels.), 61. News dir. WNAH, WMAK, Nashville, Tenn., 53-54; WTMV, KXLW, WEWS, St. Louis, Mo. 54-56; personnel dir. & acting dir. pub. rels. Dept. Parks & Recreation, St. Louis, 56-58; news dir. WELI, New Haven, Conn., 59-61; consult. Rand Corp. 61-62, soc. scientist, 62-68; LEGIS. ASST. & STAFF DIR. SENATOR EDWARD W. BROOKE, 68- Am. Polit. Sci. Assn. congressional fel., 61-62; res. fel. Center Int. Affairs, Harvard, 65-66; vis. asst. prof., California, Los Angeles, summer 64. Consult. Dept. Housing & Urban Develop. & Nat. Adv. Cmn. on Civil Disorders, 67. Hist. Assn; Polit. Sci. Assn; Soc. Int. Law Acad. Polit. & Soc. Sci. Inst. Strategic Studies. National security policy; science and public policy; urban policy. Publ: Nazi Germany and the American hemisphere, 1933-1941, Yale, 67; Politics—the first dimension of space, J. Conflict Resolution, 3/66; Soviet space activities: a decade of pyrrhic politics, In: Outer space: prospects for man and society, Praeger, 68. Address: 1242 Titania Lane, McLean, Va. 22101.
- FRYE, PROF. JOSEPH LOUIS, b. High Shoals, N.C., Sept. 26, 19; m. 46; c. 4. ECONOMICS. B.S. Tennessee, 49, M.S. 50; Ph.D. (econ), Florida, 58. Asst. prof. TRANSPORTATION, TENNESSEE, KNOXVILLE, 54-56, assoc. prof. 56-60, PROF., 60- U.S.A., 41-45, Res. 45-, Col. Soc. Traffic & Transportation. Foreign trade; national and state regulatory policy; industrial development; transportation and physical distribution education. Publ: The economic effect of freight rates on crude sulphur in the Southeast, 58 & Intermodal coordination, 64, Tenn. Valley Authority; co-auth. The transportation complex of South Carolina, State Indus. Cmn. S.C., 60. Address: Dept. of Transportation, University of Tennessee, Knoxville, Tenn. 37916.
- FRYMAN, DR. RICHARD FELIX, b. Oxford, Ohio, Dec. 22, 38; m. 63; c. 1. ECONOMICS, PUBLIC FINANCE. B.S. Miami (Ohio), 61, M.A., 62; Ph.D. (econ. pub. finance), Illinois, 67. Instr. ECON. Miami (Ohio), 62-63; ASST. PROF. SOUTH ILLINOIS, 66- ASST. DEAN SCH. BUS., 69- Nat. Tax Assn. Public finance, with emphasis on state and local expenditures and revenues. Publ: Co-auth. Comparison of revenues and expenditures in income and non-income tax states in 1962, 12/64 & auth. Sales taxation of producers' goods in Illinois, 6/69, Nat. Tax J. Address: School of Business, Southern Illinois University, Carbondale, Ill. 62901.
- FRYMIER, PROF. JACK R., b. Albion, Ind., Mar. 18, 25; m. 47; c. 3. PSYCHOLOGY. B.Ed. Miami, 49, M.Ed. 50; Ed.D. Florida, 57. Instr. ed, Miami (Fla.), 50-54; teacher soc. studies, lab. sch. Florida, 54-56; asst. prof. curriculum, Temple, 57-59; assoc. prof. ed. Auburn, 59-60; dir. instr. Orange Co. Pub. Schs., Fla. 60-62; PROF. CURRICULUM, OHIO STATE, 62- U.S.A., 43-46 & 51-52. Fel. AAAS; Ed. Res. Assn. Curriculum; study of human motivation; curriculum and instructional theory. Publ: The nature of educational method, 65 & Fostering educational change, 69, C.E. Merrill; ed. Theory into practice, Ohio State Univ, 67. Address: Dept. of Curriculum and Foundation, Ohio State University, 29 W. Woodruff Ave, Columbus, Ohio 43210.

- FUCHS, DR. ESTELLE. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also res. assoc. grad. dept. ed, Chicago, 69-70; assoc. dir. Nat. Study Am. Indian Ed. Address: 681 E. 24th St, Brooklyn, N.Y. 11210.
- FUCIGNA, JOSEPH T. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Exec. v-pres, Dunlap & Associates, Inc, 69- Address: 8 Huckleberry Dr, Norwalk, Conn. 06850.
- FUDIN, DR. ROBERT, b. New York, N.Y., Apr. 24, 34; m. 68; c. 2. PSYCHOLOGY. B.A., City Coll. New York, 59, M.A., 61; Ph.D. (gen. exp. psychol.), N.Y. Univ, 67. ASST. PROF. PSYCHOL., LONG ISLAND, 67- Psychol. Asn. Perception, especially as applied to personality and psychopathology; philosophical aspects of space perception and clinical theory. Address: Dept. of Psychology, Long Island University, Brooklyn Center, Brooklyn, N.Y. 11201.
- FUGLER, DR. CHARLES MCGHEE. Human Ecology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- FUKUI, DR. HARUHIRO, b. Japan, Feb. 19, 35; m. 59; c. 2. POLITICAL SCIENCE. B.A., Tokyo Univ. For. Stud, 57; M.A., Tokyo, 61; scholar, Australian Nat. Univ, 64-67, Ph.D. (int. rels), 68. Vis. lectr. Japanese hist, Adelaide, 67; ASST. PROF. POLIT. SCI., CALIFORNIA, SANTA BARBARA, 68- Asn. Asian Studies; Polit. Sci. Asn. Comparative politics and international relations with emphasis on Japan and East Asia. 69- Party in power: the Japanese Liberal-Democrats and policy-making, Univ. California, 70; The associational basis of decision-making in the Liberal-Democratic Party, In: Papers on Modern Japan, Australian Nat. Univ, 65; Twenty years of revisionism, In: The constitution of Japan, Univ. Washington, 68. Address: Dept. of Political Science, University of California, Santa Barbara, Calif. 93106.
- FUKUYAMA, DR. YOSHIO. Sociology, Religion. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- FULDA, STEVEN M (X), b. Kassel, Germany, Dec. 20, 32; U.S. citizen: m. 56; c. 3. MANAGEMENT SCIENCE, ENGINEERING ECONOMICS. B.S., Southern Methodist, 44; M.S., N.Y. Univ, 62, Nat. Defense Ed. Act fel, 64-67. Mem. tech. staff, systs. eng. div, Bell Tel. Labs, 54-66; econ. studies supvr, MGT. SCI. DIV, AM. TEL. & TEL. CO., 66-68, MGR. ANAL. SCIENCES, 68- Lectr. California, 56-57; grad. sch. bus. admin., N.Y. Univ, 66- Consult, Planning Bd. & Sch. Bd. Madison, N.J., 64-67. U.S.A.F. 55-57, Capt. Am. Soc. Eng. Ed. Inst. Mgt. Sci. Nat. Assn. Bus. Econ. Economet. Soc. Application of quantitative methods to public utility corporate decision problems; quantitative characterization of the social-economic environment of public utilities. Publ: History and organization of the bell system, 64 & co-auth, Transmission and switching systems for communications, 65, Bell Tel. Labs; co-auth, Numerical analysis of gamma functions, Math. Tables & Other Aids to Computation, 59. Address: American Telephone & Telegraph Co, 195 Broadway, New York, N.Y. 10007.
- FULKERSON, DR. FRANK E, III, b. Alton, Ill, Sept. 15, 42; m. 64; c. 2. PSYCHOLOGY. A.B., St. Louis, 64, Nat. Defense Ed. Act fel, 64-67, M.S. (R), 66, NABA trans. conf. ed, Washington State, 62-68, CHIEF, ECON. ANAL., WESTERN ILLINOIS, 68- Psychol. Asn. Effects of drive on verbal-discrimination learning; methodological variations and associative relationships in verbal-discrimination learning. Publ: Co-auth, Unlearning of list 1 right items in verbal-discrimination transfer, J. Exp. Psychol, 67 & effects of intrapair and interpair bidirectional associates on verbal-discrimination learning, J. Verbal Learning & Verbal Behavior, 69. Address: Dept. of Psychology, Western Illinois University, Macomb, Ill. 61455.
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- FULLER, DR. JOHN WILLIAMS, III, b. Phoenix, Ariz, Nov. 8, 40; m. 62. ECONOMICS. A.B., San Diego State Coll, 62; Ph.D. (econ), Washington State, 68. Teaching asst., econ, Washington State, 62-68, CHIEF, ECON. ANAL., WIS. DEPT. TRANSPORTATION, 68- Summers, economist, Bur. Labor Statist, 63, acting asst. dir, Spokane Metrop. Area Transportation Study, 65, transportation economist, West. Hwy. Inst, 66, 67, lectr. grad. sch. bus. Univ. Wisconsin, 69, 70. Consult. rehab. res. inst., Univ. Wisconsin, 69. Mem. Transportation Res. Forum. Econ. Asn. Nat. Tax Asn. Economic evaluation of motor vehicle size and weight limits, especially quantification of benefits and costs; benefit-cost methodology; urban transport. Publ: Co-auth, Twenty years later: postwar employment trends in the West, Bur. Labor Statist, 9/65; auth, Transportation in the Western livestock industry, West. Hwy. Inst, 3/67 & Current issues in the regulation of motor vehicle sizes and weights, Congressional Record, 7/68. Address: 4037 Monona Dr, Apt. 3, Madison, Wis. 53716.
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- FUNDABURK, DR. EMMA LILA, b. Luverne, Ala, Dec. 14, 22. ECONOMICS. A.B., George Washington, 44; M.A., Northwestern, 46; Ph.D. (econ), Ohio State, 63. Econ. analyst, U.S. Dept. State, 44-45; Ala. Dept. Labor & Indust. Relts, 46-47; instr. econ, center, Univ. Alabama, 47-48; planning technician, Ala. Planning Bd, 48-49; Huntington Coll, 50-51; dist. economist, Off. Price Stabilization, Montgomery, Ala, 51-52; contract acct, Maxwell Air Force Base, 52-54; auth. & publisher, 55-58; instr. econ, Ohio State, 58-63; asst. economist, econ. res. center, Hawaii, 63-66; asst. prof. ECON., BOWLING GREEN STATE, 66-68, ASSOC. PROF, 68- Ins. salesman, Jefferson Standard Life, Montgomery, Ala, 52-54; summer fel, Case Western Reserve, 69. Econ. Asn; Acad. Soc. & Polit. Sci; Asn. Adv. Slavic Studies; Asn. Study Soviet-Type Econ. Industrial economics; history of economic thought; economic bibliography. Publ: Indicators of economic activity in Kauai, 65 & Garment manufacturing on the Neighbor Islands, 66, Univ. Hawaii; Reference materials and periodicals in economics, Scarecrow, 70. Address: Dept. of Economics, Bowling Green State University, Bowling Green, Ohio 43402.
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- FURBY, DR. LITA MARIAN, b. Berkeley, Calif, Nov. 9, 45. DEVELOPMENTAL PSYCHOLOGY. B.A., Antioch Coll, 66; M.A., Middlebury Coll, 69; Ph.D. (psychol), Stanford, 69. ASST. PROF. PSYCHOL., YALE, 70- Soc. Res. Child Develop; Ed. Res. Asn. Psychometrics. Address: Dept. of Psychology, Yale University, New Haven, Conn. 06520.
- FUREDY, DR. JOHN (JULIUS), b. Budapest, Hungary, June 30, 40; m. 66. PSYCHOLOGY OF LEARNING, PSYCHOPHYSIOLOGY. B.A., Sydnor, 63, Reserve Bank. studentship, 63-65, M.A., 64, Ph.D. (psychol), 66. Vis. lectr. PSYCHOL., Indiana, 65-66, vis. asst. prof, 66-67; asst. prof, TORONTO, 67-69, ASSOC. PROF, 69- Res. assoc. & acting prof. dir, Off. Naval Res. Grant, Indiana, 65-67, faculty res. grant, 66-67; Nat. Res. Comm. grant, 67- To Can. Coun. grant, 67-68. Psychonomic Soc. Psychophysiol. Res. Human autonomic conditioning; motivation; psychophysiological measurement; experimental design. Publ: Human autonomic conditioning, 67, Orienting response, 68 & Autonomic measurement problems, 68, J. Exp. Psychol. Address: Dept. of Psychology, University of Toronto, Toronto 181, Ont, Can.
- FURFEY, PAUL HANLY. Sociology, Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also res. assoc. bur. soc. res. & res. assoc. instnl. res. & planning off, Catholic University of America, Washington, D.C. 20017.
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- FURST, DR. HAROLD. Business Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Regional v-pres, Bank of America NT&SA, 69. Address: 34 Arlington Ave, Berkeley, Calif. 94707.
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- FURST, DR. PETER, b. Cologne, Germany, May 23, 22; U.S. citizen: m. 60; c. 1. ANTHROPOLOGY. Ph.D. (anthrop), California, Los Angeles, 66. Dir. regional center Latin Am. studies in Mex, CALIFORNIA, LOS ANGELES, 65-67, RES. ANTHROPOLOGIST, ASSOC. DIR. & DIR. MEDIA SECT, LATIN AM. CENTER, 67-, RES. ASSOC. MUS. & LABS. ETHNIC ARTS & TECH, 66- Ford Found. fel. res. in Mex. & res. assoc. Los Angeles County Mus, Natural Hist, 65- vis. assoc. prof, Southern California, 67-69; prin. investr, Peace Corps Res. Proj, 69-70. Mem. com. overseas res. Nat. Defense Ed. Act Lang. & Area Centers, 68. U.S.A., 43-45, S/Sgt. AAAS; fel. Anthropol. Asn. Cultural anthropology, ethnology and archaeology of Mesoamerica and Latin America; pre-Columbian art of Mexico and Andes; primitive religion and shamanism; ethnographic film; culture-historical studies in western Mexico; ethnographic work with Huichol Indians. Publ: The parching of the maize, Acta Ethnologica et Linguistica, Vienna, 68; Huichol conceptions of the soul, Folklore Am, 68; The man-jaguar motif in Olmec art, In: Dumbarton Oaks Conference on the Olmec, Dumbarton Oaks, Wash, 68. Address: Latin American Center, University of California, Los Angeles, Calif. 90024.
- FURTH, ENRIQUE. Operations Research, Mathematics. See Suppl. V to VI to 11th ed, Phys. & Biol. Vols.
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ing Disabilities, 2: 559-565; The discriminability of form among young children, J. Exp. Child Psychol., 8: 418-431. Address: Institute of Human Development, Toman Hall 1203, University of California, Berkeley, Calif. 94720.

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- GEIST, DR. VALERIUS. Zoology, Ethology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- GEIWITZ, DR. P(ETER) JAMES. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Independent writer & consultant, 69. New publ: NonFreudian personality theories, Brooks/Cole, 69. Address: 749 Corbett Ave, Apt. 3, San Francisco, Calif. 94131.
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- GELLER, HARVEY. Public Health Statistics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Head spec. cancer surv, sect. 68-, Biometry Branch, National Cancer Institute, Room 6C10, 7550 Wisconsin Ave, Bethesda, Md. 20014.
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- GEISSNER, DR. PETER K. Pharmacology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- GEISSOW, ALFRED. Physics, Applied Mathematics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- GETTELL, DR. RICHARD GLENN. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Financial v.pres, 69-, The Phoebe Waterman Foundation, Inc, 1819 John F. Kennedy Blvd, Philadelphia, Pa. 19103.
- GEYER, DR. ALAN. Christian Ethics, Political Science. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
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- GEISMAR, PROF. LUDWIG L(EO). Sociology. See A-K Vol, 11th ed. Soc. & Behav. Vols. New publ: Preventive intervention in social work, *Scarecrow*, 69. Address: Graduate School of Social Work, Rutgers, The State University, New Brunswick, N.J. 08903.
- GEIST, DR. VALERIUS. Zoology, Ethology. See Suppl. VI to 11th ed. Phys. & Biol. Vols.
- GEWITZ, DR. P(ETER) JAMES. Psychology. See A-K Vol, 11th ed. Soc. & Behav. Vols. New information: Independent writer & consultant, 69- New publ: NonFreudian personality theories, *Brooks/Cole*, 69. Address: 749 Corbett Ave, Apt. 3, San Francisco, Calif. 94131.
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- GEORGE, DR. PULIVELIL MARKOSE, b. Kollad, India, July 6, 31; m. 61; c. 2. SOCIOLOGY. A.B. Earlham Col, 58; M.A. Boston, 61; Ph.D.(sociol), North Carolina, Chapel Hill, 65. Instr. SOCIOLOGY, North Carolina, Raleigh, 64-65; asst. prof, Alberta, 65-68; WESTERN ONTARIO, 68-69, ASSOC. PROF, 69- Can. Coun. res. grant, 69-70. Referee, res. grant appln. De- fence Res. Bd. Can, 68- Am. Sociol. Asn; Sociol. Asn; Can. Sociol. Asn. Philosophy of social science; value orientation of scientists; sociology of occupations. Publ: A balance approach to occupational commitment, values and perceptions, *Sociol. Inquiry*, spring 67. Some master models within the historical perspectives, *Organon*, 68; The model of man and the problem of understanding, *Acts XXII Congress Sociol.* 9/69. Address: Dept. of Sociology, University of Western Ontario, London, Ont, Can.
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- GIDDON, DR. DONALD BERNARD. Psychology, Dentistry. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Asso. deen commun. affairs & prog. develop., 69. Tufts University School of Dental Medicine, 136 Harrison Ave., Boston, Mass. 02111.
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- GILL, DR. LYNN EDWARD, b. Traverse City, Mich., June 28, 39; m. 63; c. 1. **MARKETING, BUSINESS LOGISTICS**. B.S., Mich. State, 62; M.B.A., Southern California, 65; Nat. Defense Ed. Act fel., Ohio State, 65-68, Ph.D. (bus.), 68. Mgt. engr. Procter & Gamble Co., summer 61; res. engr., N.Am. Rockwell Corp., 62-64; teaching assoc. prod. mgt., Ohio State, 67; ASST. PROF. MKT., SOUTHERN CALIFORNIA, 68- Consult., McDonnell Douglas Corp., Calif., 68-; Distribution Sys., Inc., 69- Mkt. Asn.; Soc. Traffic & Transportation. Business logistics systems; applications of graph theory to role analysis in interorganizational systems; graph theory application of combinatorial flows in the economy. Publ: A graph theory interpretation of distribution channel structure, *Ohio State Univ.*, 68; Role and role expectations, In: *Distribution channels*, Houghton, 69; Graph theory models of distribution channel structure, In: *Essays in marketing theory*, Allyn & Bacon, 70. Address: Dept. of Marketing, University of Southern California Graduate School of Business, Los Angeles, Calif. 90007.
- GILL, PROF. ROBERT LEWIS, b. Winnsboro, S.C., Dec. 26, 12; m. 41; c. 2. **POLITICAL SCIENCE**. A.B., Livingstone Col., 33; M.A., Michigan, 37, Ph.D. (polit. sci.), 42; fel., Hopkins, 47-48, 50-51. Coach & dir. athletics, Livingstone Col., 34-36; asst. prof. hist. & polit. sci., Lincoln Mo., 40-42; PROF., Prairie View Agr. & Mech. Col., 42-45; POLIT. SCI., MORGAN STATE COL., 45- State of Md. Higher Educ. fel. Am. Univ. & Univ. Denver, 50; Monumental Bar Assn. fel., Univ. Md. Sch. Law, 51-53; summers, prof., Atlanta, 46, Texas Southern, 48, Delaware, 65 & Massachusetts, 68. Consult., Dept. Recreation, Baltimore City, 55-; Textbook Pub. Inc., 56-; Title VI Prog., U.S. Off. Ed., 67- U.S.A.A.F., 45-46; Nat. Guard, 46-48; Maj. Asn. Study Negro Life & Hist., Acad. Polit. Sci., For. Policy Assn., Acad. Polit. & Soc. Sci., American constitutional law and development; Far Eastern governments and politics; American government political theory. Publ: The Omega Psi Phi fraternity and men who made its history 1911-1961, *John & Detweiler*, 62; The legal aspects of the Chinese in the Philippines, *Am. Libr. Asn.*, 66; Shaping the Negro revolution through court decisions 1964-1966, *Teachers J. Human Rel.*, 4th Quarter, 67. Address: Dept. of Political Science, Morgan State College, Baltimore, Md. 21212.
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- GILLILAND, DR. ROBERT M., b. Galveston, Tex., Jan. 16, 21; m. 44; c. 2. **PSYCHIATRY, PSYCHOANALYSIS**. B.A., Texas, 41, M.D., 45. Resident physician psychiatrist, Vet. Admin. Hosp., Waco, Tex., 46-48; med. br., Texas, 48-49; private practice psychiat. & psychoanal., 49-64; ASSOC. PROF. PSYCHOL., COL. MED. BAYLOR, 64- Consult., Waco Ment. Hyg. Clin., 46-48; Mem. Hyg. Clin., Lafayette, La., 49-50; Baton Rouge Guid. Center, 50-52; psychiat. consult., Miss. Dept. Pub. Welfare, 55-59; consult. sch. med., Tulane, 55-64; vis. physician, Charity Hosp., New Orleans, 60-64; consult., Hedgecroft Hosp., Houston, Tex., 65- Psychoanal. Asn.; fel. Psychiat. Asn.; Int. Psychoanal. Assn. Address: Dept. of Psychiatry, Baylor College of Medicine, 1200 Moursund Ave, Houston, Tex. 77025.
- GILLIS, DR. JOHN S(IMON). Psychology. See A-K Vol. 11th ed. Soc. & Behav. Vols. New position & address: Lectr., 69-; Dept. of Psychology, Australian National University, Canberra, A.C.T., Australia 2600
- GILLIS, DR. STEPHEN MALCOLM, b. Dothan, Ala., Dec. 28, 40; m. 62; c. 2. **ECONOMICS**. B.A., Florida, 62, M.A., 63; Midwest Univ. Consortium summer fel., 67; Duke Univ. Res. Coun. grant, 67-68; Ph.D. (econ), Illinois, 68. Asst. prof. ECON., Duke, 67-69; LECTR., HARVARD & RES. ASSOC., HARVARD LAW SCH. & DEVELOP. LEAD. SERV., 69- Res. staff economist, Colombian Cntr. Tax Reform, Bogota, 68. Spec. short term summer ardr., Ministry Finance, Ecuadorian Govt., 68; summer consult., Nat. Planning Dept., Govt. Colombia, 69. Asst. Nat. Tax Assn. Public finance, particularly taxation and theory of public expenditures; tax reform in developed and developing economies; theory and practice of growth and development. Publ: Ed. Fiscal reform for Colombia, *Int. Tax Prog.*, Harvard, (in press); auth., Sales tax reform & Reform of municipal indirect taxes, service taxation and stamp duties, In: *Fiscal reform for Colombia*, *Int. Tax Prog.*, Harvard, (in press). Address: Dept. of Economics, Harvard University, Cambridge, Mass. 02138.
- GILMORE, DR. THURTELL I., b. New York, N.Y., July 24, 30; m. 50; c. 5. **SPEECH PATHOLOGY, AUDIOLOGY**. A.B., State Univ. N.Y. Albany, 50, M.A., 51; Ph.D. (speech), Wisconsin, 62. Instr. speech, Talladega Col., 51-53; dir. Speech & Hearing Clin., Columbia, S.C., 54-60; asst. prof. speech path., med. sch., Vanderbilt, 60-62; SPEECH, Wisconsin, 62-65; ASSOC. PROF., LA. STATE, BATON ROUGE, 65- Consult., La. State Bd. of Health & Dept. of Ed., 65- Speech & Hearing Assn.; Cleft Palate Assn.; Acad. Aphasia. Somatopsychology of speech disorders; factors affecting articulatory development in children. Publ: Rehabilitating laryngectomies, *Am. J. Nursing*, 61; co-auth., Incidence and related factors in cleft palate births, *Cleft Palate J.*, 66 & Ecce, rural urban residence, socioeconomic level and responses to articulation test stimuli, *South. Speech J.*, 67. Address: Room 217, Medical & Dental Administration Bldg., Louisiana State University, Baton Rouge, La. 70803.
- GILSON, DR. JOHN FRANCIS. Educational Psychology. See A-K Vol. 11th ed. Soc. & Behav. Vols. Change of address: Fordham University, Loyola Hall, Bronx, N.Y. 10458.
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- GINMAN, DR. PETER J., b. Springfield, Mass., Jan. 4, 37; m. 58; c. 1. **ECONOMICS**. B.A., American Univ., 62; M.A., Mich. State, 64, Ph.D. (econ), 69. ASST. PROF. ECON., BOSTON, 66- Lectr., Emmanuel Col. (Mass.), 66- U.S.M.C., 54-59, Am. Econ. Asn.; Royal Econ. Asn.; International economics, effect of uncertainty under flexible and pegged exchange rates; improvements in conventional elasticity estimations in international trade: use of tariffs as antitrust policy tools. Address: Dept. of Economics, Boston University, Boston, Mass. 02215.
- GINSBURG, PROF. BENSON E(ARL). Genetics. See D-G Vol. & Suppl. V & VI to 11th ed. Phys. & Biol. Vols.
- GINSBURG, DR. HERBERT PAUL, b. New York, N.Y., Sept. 26, 39; m. 61; c. 3. **PSYCHOLOGY**. B.A., Harvard, 61; M.A. & Ph.D. (psychol.), North Carolina, 63. Asst. prof. CHILD DEVELOP., CORNELL, 65- 69, ASSOC. PROF., 69- Res. grants, Nat. Inst. Ment. Health, 66-67; U.S. Off. Ed., 67- Psychol. Asn.; Soc. Res. Child Development. Intellectual development. Publ: Co-auth., Piaget's theory of intellectual development, *Prentice-Hall*, 69. Address: Dept. of Child Development, Cornell University, Ithaca, N.Y. 14850.
- GINSBURG, DR. NORMAN M(ORA). Psychology. See A-K Vol. 11th ed. Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, Lakehead University, Port Arthur, Ont., Can.
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- GIPSON, DR. MARTIN T., b. Long Beach, Calif., June 27, 37; m. 63. **PSYCHOLOGY**. A.B., Chico State Col., 59; Illinois, 59-61; Ph.D. (psychol.), Vanderbilt, 66. ASST. PROF. PSYCHOL., UNIV. OF THE PACIFIC, 65- AAAS. Attentional processes in discrimination learning; learning processes in deviant behavior phenomena; genetic control of learning. Address: Dept. of Psychology, University of the Pacific, Stockton, Calif. 95204.
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GRIVETZ, PROF. HARRY K(ENNETH). Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.

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GLEASON, DR. GERALD THOMAS. Educational Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Spec. asst. to chancellor, 68-, University of Wisconsin-Milwaukee, Chapman Bldg. 112, Milwaukee, Wis. 53201.

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Assn. Urban affairs; simulation and gaming; intergovernmental relations. Publ: Co-auth, Controversies of state and local political systems, Allyn & Bacon, 70; Local government reorganization, Fla. State Univ. Govt. Res. Bull, 68. Address: P.O. Box 313, College Park, Md. 20740.

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- GNANADESIKAN, DR. MRUDULLA. Mathematical Statistics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- GODDARD, DR. GRAHAM V (ALENTINE). Psychological Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. 69-. Dept. of Psychology, Dalhousie University, Halifax, N.S., Can.
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- GODIN, DR. VICTOR BARRY. b. New York, N.Y. Sept. 22, 41. SYSTEMS & OPERATIONS ANALYSIS. A.B. Columbia Col., 62; B.S., Columbia, 63; S.M., Mass. Inst. Tech., 65; Ford Found. fel. Harvard, 67-68, D.B.A., 69. ASST. PROF. MGT., RENNELAER POLYTECH. INST., 68. Prinl. consult., W.Ya. Pulp & Paper Co., 63-66; consult. Diebold Group, Inc., 69. Sr. mem. Indust. Inst. Eng. Inst. Mgt. Sci. Asn. Comput. Mach. Design and installation of interactive man-computer systems for improving decision making. Publ: Co-auth, The interactive shop supervisor, Indust. Eng., 11/69. Address: Dept. of Management, Rensselaer Polytechnic Institute, Troy, N.Y. 12181.
- GODOY, HORACIO HERMES. b. Mendoza, Argentina, Dec. 23, 25; m; c. 6. POLITICAL SCIENCE. A.B. & LL.B. La Plata, 49; LL.M., Yale, 60. Prof. polit. sci., Center Cath. Ed. La Plata, Argentina, 53-55; asst. prof. law, La Plata, 58-59; adv. Orgn. Am. States, Inter-Am. Develop. Bank, Econ. Cmn. for Latin Am. & Harvard Joint Prog. for Latin Am., 61; legal adv. Cn. Cmn. Jurists, 61-63; chief eval. & coord. group, Inter-Am. Develop. Bank, 63-65; UNESCO EXPERT ORGN. & DIRECTION, LATIN AM. SCH. POLIT. SCI. & PUB. ADMIN. SANTIAGO, 65-. Prof. La Plata Col., 58-59; lectr. Cath. Inter-Am. Coop. Prog., 67, 68; res. dir., World Order Model for Year 2,000, 68; promoter & exec. dir. Action Cnt. Latin Am. Integration. Tech. adv. first meeting, Latin Am. Parliament, 64, secy. gen., 65; adv. Episcopal Latin Am. Coun., 66. Soc. Int. Law, Inter-Am. Bar Assn. Institution building: international relations; Latin American integration. Publ: The rule of law in Cuba, 62; co-auth, Social progress trust fund report 1963-64, 63-64. Address: Casilla 3213, Santiago, Chile.
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- Roberts, 67-68; Nev. Water Conditioning Co, 68-; Miami High Rise Assn; 69-70. Econ. Assn; Regional Sci. Assn; Inst. Decision Sci. Publ: Basic statistical analysis, Col. Books, 65; co-auth, Linear Sales model, Cost & Mgt. J, 3, 465/67; auth, Estimates of trade-off between capital and labour-Canadian manufacturing, Proc. Assn. Can. Bus. Schs, 68. Address: 742 Harrison St, Hollywood, Fla. 33020.
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- GOLDFARB, DR. JOEL. American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
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- GOLDRICH, DR. STANLEY G. b. New York, N.Y. Sept. 22, 37. PHYSIOLOGICAL PSYCHOLOGY. B.A. Queens Col. (N.Y.), 59, M.A., 65; Ph.D. (physiol. psychol), City Univ. New York, 66. Asst. psychol, Queens Col. (N.Y.), 63-64, lectr. 64-65; res. assoc. psychophysiol, Regional Primate Center, Wisconsin, 65-67; ASST. PROF. PSYCHOL, OHIO STATE, 67- Prin. investor, Nat. Sci. Found. grant, 68-70. U.S.A.R. 62-67. AAAS; Psychol. Assn. Brain function in primates and its involvement in learning and sensory processes; behavioral and neuronal consequences of electrical brain stimulation. Publ: Co-auth, Electrical stimulation of temporal cortex in monkeys during learning, Proc. Int. Cong. Physiol. Sci, Tokyo, 65, Electrically induced afterdischarges in the inferotemporal cortex of monkeys: effects on visual discrimination and discrimination reversal performance, (in press) & Retrograde amnesic effects of intertemporal and amygdaloid seizures upon conditioned suppression of bar pressing in monkeys, (in press), Neuropsychologia. Address: Psychology Laboratory, Ohio State University, 1314 Kinnear Road, Columbus, Ohio 43212.
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- GOLDSTEIN, DR. HYMAN. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Adj. prof. biostatist. ed. gynec, sch. med, California, San Francisco, 70-; res. biostatistician, div. maternal & child health, sch. pub. health, California, Berkeley, 70- Address: 1930 Vine St, Berkeley, Calif. 94709.
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- GOMEZ, DR. RUDOLPH, b. Rawlins, Wyo., July 17, 30; m. 56; c. 2. POLITICAL SCIENCE. B.S., Utah State, 59; Woodrow Wilson fel., Stanford, 59-60, M.A., 60; Ph.D.(polit. sci.), Colorado, 63. Instr. POLIT. SCI., Colorado Col., 62-64, asst. prof., 64-68; ASSOC. PROF., DENVER, 68-. Fulbright lectr., Cath. Univ. Peru, 67. U.S.A.F., 50-54, S/Sgt. Polit. Sci. Asn. American state legislative behavior; impact of urbanization upon state fiscal policies. Publ.: Co-auth. Colorado government and politics, Pruett, rev. ed, 67 & Politics in the American West, Univ. Utah, 69; auth. The Peruvian administrative system, Univ. Colo., 69. Address: Dept. of Political Science, University of Denver, Denver, Colo. 80210.
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- GOOD, DR. IRVING JOHN. Mathematics, Statistics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- GOODACRE, RAYMOND HARRY. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Consult. sociol., B.C. Ment. Health Br., Can. Dept. Health Serv. & Hosp. Ins., 68-. Address: 1995 San Juan Ave, Victoria, B.C., Can.
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- GOODE, DR. JUDITH GRANCH, b. New York, N.Y., May 8, 39; m. 60; c. 3. ANTHROPOLOGY. B.A., Columbia, 60; N.Y. State Regents fel., Cornell, 60-62, Ford Found. fel., 62-63, Nat. Insts. Health fel., 64-66, Ph.D.(anthrop.), 68. Prof. ANTHROPOLOGY, Antiochia, Columbia, 65; instr., Corning Community Col., 65-66; TEMPLE, 66-68, ASST. PROF., 68-. Anthropol. Asn.; Soc. Appl. Anthropol.; Latin Am. Studies Asn. Social anthropology; comparative law; Latin American peasant societies; Latin American urbanization; culture of poverty; comparative peasant societies; comparative urbanization. Publ.: Responses of a traditional elite to modernization; lawyers in Colombia, Human Orgn., spring 70. Address: Dept. of Anthropology, Temple University, Philadelphia, Pa. 19122.
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- GOODISON, DR. JULES MARTIN. Counseling, Guidance. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Regional mgr. Sci. Res. Assocs., 68-. Address: 20 Pilgrim Run, East Brunswick, N.J. 08816.
- GOODLAD, DR. CARL ALEXANDER, b. Shetland, Scotland, Sept. 19, 43. GEOGRAPHY. M.A., Aberdeen, 65, Ph.D.(fisheries), 68. INST. SOC. & ECON. RES. FEL. & ASST. PROF. GEOG. MEMORIAL UNIV., 68-. Marine Tech. Soc.; Fisheries Soc.; Asn. Am. Geog. Fisheries; technological change and system transposal in fisheries. Publ.: Shetland fishing saga, Shetland Times, (in press); Fishing for peace, Fishing News Int., 4/68. Address: Dept. of Geography, Memorial University of Newfoundland, St. John's, Newf. Can.
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- GOODMAN, PROF. ERNEST JOSEPH, b. Breslau, Germany, Feb. 26, 25; U.S. citizen; m. 46; c. 2. POLITICAL SCIENCE. B.A., Hastings Col., 60; Nat. Defense fel., Nebraska, 61-65, M.A., 61, Ph.D.(polit. sci.), 65. PROF. POLIT. SCI., STATE UNIV. N.Y. COL. ONTARIO, 63-. Vis. prof., Wurzburg, 67-Brit. Army, 41-46. Polit. Sci. Asn. The roots of anti-semitism in rural Germany; the role of political parties in the political system. Address: 94 Elm St., Oneonta, N.Y. 13820.
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- GOODMAN, DR. IRVING J. Psychology, Neurobiology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- GOODMAN, DR. JAY S (ELWYN). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. govt., Wheaton Col.(Mass). Address: 33 Phillips St., Providence, R.I. 02906.
- GOODMAN, DR. JOHN THOMAS. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., Dept. of Psychiatry, McMaster University, Hamilton, Ont., Can.
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- GOODMAN, DR. MARY ELLEN. Cultural Anthropology. See 11th ed, Soc. & Behav. Vols., deceased 69.
- GOODMAN, PROF. NELSON. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig., & Law.
- GOODMAN, PROF. OSCAR R. Business Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Chmn., Dept. of Finance, Roosevelt University, 430 S. Michigan Ave., Chicago, Ill. 60605.
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- 58-64. Polit. Sci. Assn. Simulation-gaming research; community politics; social conflict. Publ: Co-auth, The SDC school system crisis simulation, Syst. Develop. Corp, 69. Address: Dept. of Political Science, University of Southern California, University Park, Los Angeles, Calif. 90007.
- GOODMAN, DR. SEYMOUR S. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Graduate School of Business Administration, Tulane University, New Orleans, La. 70118.
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- GOODSTEIN, DR. MADELINE P. Science Education, Chemistry. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- GOODWIN, DR. W (LLIAM) RICHARD. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: V-pres. corp. planning, Johns-Manville Corp, Manville, 69-. Address: 10 Soder Rd, North Caldwell, N.J. 07006.
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- GORDON, DR. HAROLD F. b. Kansas City, Mo, Oct. 31, 15; m. 38; c. 4. POLITICAL SCIENCE, PUBLIC ADMINISTRATION. B.S.C., Creighton, 42; M.S.G., Denver, 44; Ph.D. (polit. sci), Colorado, 68. Asst. dir. soc. sci. res. Community Studies, Inc, Kansas City, 55-61; acting asst. dir, Bur. Govt. Res. & Serv, Univ. Colorado, 63-66; ASST. PROF. POLIT. SCI., Colorado State, 66-68; OKLA. STATE, 68- Polit. Sci. Assn. Soc. Pub. Admin. Urban administration and policy. Address: Dept. of Political Science, Oklahoma State University, Stillwater, Okla. 74074.
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- GORDON, DR. MORTON. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Pres, 70-, Development Sciences Inc, Box 77, East Sandwich, Mass. 02537.
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- GORDON, DR. ROBERT J. b. Boston, Mass, Sept. 3, 40; m. 63. ECONOMICS. B.A., Harvard, 62; B.A., Oxford, 64, M.A. 69; Ph.D. (econ), Mass. Inst. Tech, 67. ASST. PROF. ECON., Harvard, 67-68; CHICAGO, 68- Res. staff assoc. Nat. Bur. Econ. Res, 68; mem. econ. policy panel, Brookings Inst, 70- Consult, U.S. Treasury Dept, 67-; U.S. Dept. Commerce, 69- Econ. Assn; Economet. Soc; Royal Econ. Soc. Sources of United States growth; measurement of United States capital stock; incidence of United States corporation income tax; measurement of equipment prices; causes of inflation; critique of econometric models. Publ: Incidence of the corporation income tax in U.S. manufacturing, 9/67 & \$45 Billion of U.S. private investment has been mislaid, 6/69, Am. Econ. Rev. A new view of real investment in structures, Rev. Econ. & Statist, 11/68. Address: Dept. of Economics, University of Chicago, Chicago, Ill. 60637.
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- GORDON, DR. WILLIAM E. b. Trinidad, B.W.I., Mar. 10, 11; wid. ECONOMICICS. D.P.A., London, 31; B.Com., McGill, 51; M.P.A. & M.A., Princeton, 53. Ph.D. (econ), 55. Ed. Jamaica Times Ltd, 51-55; mem. ed. staff, Jamaica Standard Ltd, 35-39; sr. officer, Kingston & St. Andrew Corp, Jamaica, 39-48; instr. ECON., Marquette, 55-58; assoc. prof, Simpson Col, 58-59; Park Col, 59-61; prof, Atlanta, 61-67; ASSOC. PROF., XAVIER (OHIO), 67- Summers, participant, Econ. in Action, Univ. Wisconsin, 58. Ford Found. fel, Univ. Michigan, 59, Gen. Elec. fel, Univ. Chicago, 60. Tenn. Valley Auth. res. grant, 67 & Fredin Mem. scholar, Europe, 69. Econ. Assn. International and monetary economics; public finance and fiscal policy; economic development; history of economic thought. Publ: Co-auth, American trade with Asia, Marquette Univ, 59; auth, British economic policy in colonial trade, Soc. & Econ. Studies, 58 & Economic and social effects of automation, Cybernetica, 64. Address: 6511 Coleridge Ave, Cincinnati, Ohio 45213.
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- GOREN, DR. ARTHUR A (RYEH). American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- GORFEN, DR. DAVID SCHLANGER, b. New York, N.Y., June 14, 35; m. 63; c. 1. EXPERIMENTAL PSYCHOLOGY. B.A., City Col. New York, 56; M.A. Columbia, 57, Ph.D. (psychol), 62. Seasonal lectr. PSYCHOL., Alberta, 57-58; instr. Montana, 59-60; asst. prof, Utah State, 61-62; Eastern Michigan, 62-65; NEW COL, 65-67; ASSOC. PROF., 67- Nat. Sci. Found. sci. faculty fel, 69. AAAS; Asst. Asn; Psychonomic Soc. Memory processes, particularly free-recall and short-term memory, and individual differences in these processes. Publ: Co-auth, Encoding interval in short-term memory, 67 & individual differences in the serial position curve of single trial free recall, 69, J. Verbal Learning & Verbal Behav; Factors affecting multiple trial free-recall, J. Ed. Psychol, 70. Address: Dept. of Psychology, New College, Sarasota, Fla. 33578.
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- GORHAM, THELMA T. Journalism & Mass Communication, Sociology. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
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- GOSFIELD, DR. AMOR. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 3136 Calle Mariposa, Santa Barbara, Calif. 93105.
- GOSHEN, DR. CHARLES E(RNIST). Medicine. See D-G Vol. & Suppl. 6 to 11th ed, Phys. & Biol. Vols.
- GOSLIN, DR. LEWIS NIEL, b. Tarentum, Pa. Nov. 15, 32; m. 61; c. 2. ORGANIZATION THEORY, OPERATIONS RESEARCH. B.A. Pa. State, 55; M.S., Carnegie-Mellon, 61; D.B.A. (admin.), Washington State, 64. Asst. prof. mgr. & admin. sci., Indiana, 64-66; ASSOC. PROF. SYST. SCI. & ADMIN., PORTLAND STATE, 68- Vis. res. fel., Lancaster, 67-68. Consult. res. group on mgt. res. & develop. Manchester Sch. Bus., Manchester, 67-68. U.S.A.R. 57. Inst. Mgt. Sci. Acad. Mgt. Decision making under uncertainty as related to organizational planning; forecasting and anticipating change; how organizations handle particular problems such as research management or bidding situations. Publ: R & D management: a selected annotated bibliography, Ind. Univ., 64; The product planning system, Irvin, 67; co-auth., Administrative strategy: technology and organization, Addison, (in press). Address: P.O. Box 171, Portland State University, Portland, Ore. 97207.
- GOSS, DR. ALLEN MILES, b. Harrison Twp., Pa. July 12, 37; m. 66. PSYCHOLOGY. B.A., San Diego State Col., 60; M.A., Texas, Austin, 65, Ph.D. (psychol.), 66. Fel. Vet. Admin. Hosp., Houston, Tex. 65-67; clin. psychologist, Tex. Res. Inst. 67-68; ASST. PROF. CLIN. PSYCHOL., BAYLOR COL. MED., 68-; ASSOC. PROF. PSYCHOL. & CHMN. DEPT. ST. THOMAS (TEX), 68- Asst. prof., Houston, 68- U.S.A. 60-63, 1st. Lt. Psychol. Asst. Soc. Adierian Psychol. Soc. Clin. & Hypnosis. Problems in clinical prediction; research in behavior modification: alcoholism treatment program. Publ: Importance of diagnostic categories in evaluating psychological data, J. Counseling Psychol., 15: 476-478, Pre-dicting vocational success for neuropsychiatric patients with the Edwards personal preference schedule, J. Appl. Psychol., 53: 250-252 & Relation between a dimensional of internal control and the MMPI with an alcoholic population, J. Counseling & Clin. Psychol., 34: 189-192. Address: Dept. of Clinical Psychology, Baylor College of Medicine, 1200 Moursund, Houston, Tex. 77025.
- GOSS, DR. MARY E. (WEBER). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 25 Hillcrest Dr., Piscataway, N.J. 08854.
- GOSS, PROF. ROBERT W., b. Fitchburg, Mass., Oct. 8, 25; m. 56; c. 4. ECONOMIC EDUCATION. B.S. Col. Holy Cross, 48; M.Ed., Fitchburg State Col., 49; M.A., Clark, 59; Ed.D. (higher ed.), Boston Col., 65. Instr. & ed., Fitchburg State Col., 54-56; PROF. ECON., WORCESTER STATE COL., 56- Consult., Worcester by, Int. Bus. Mach. Corp. 65-67; Comput. Serv. Center, 69- Ed. adv. Nat. Coun. Social Studies, 58-67. U.S.N.A.F.R., 43-, Lt. Comdr. Acad. Polit. Sci.; Acad. Polit. & Soc. Sci. Financial administration of public education, particularly higher education. Publ: General education policies and practices in Massachusetts State Colleges, Boston Col., 65. Address: Dept. of Economics, Worcester State College, 486 Chandler St., Worcester, Mass. 01602.
- GOTESKY, PROF. RUBIN. Philosophy. See 5th ed, Dir. of Am. Scholars, Vol. IV, Philos. Relig. & Law.
- GOTTERER, PROF. MALCOLM HAROLD. Computer Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. of Comp. Sci., Dept. of Computer Science, Pennsylvania State University, 426 McAllister Bldg., University Park, Pa. 16802.
- GOTTESFELD, DR. HARRY, b. New York, N.Y. July 14, 24; m. 60. PSYCHOLOGY. B.A., Brooklyn Col., 47; Ph.D. (psychol.), N.Y. Univ. 55. Staff psychologist, neurol. inst., Columbia Presby. Med. Center, 52-54; Kings County Hosp., 54-61; sr. psychologist, Bellevue Hosp., 61-62; res. dir., C.S.A.C. Consultation Unit, Jewish Ed. Guardian, 62-64; chief psychologist & dir. clin. res. psychiat., Bronx Lebanon Hosp., 64-65; res. consult., Wurzelweiser Sch. Soc. Work, Yeshiva, 65-66, assoc. prof. & res. dir. proj. beaon, 66-69; DIR. COMMUNITY MENT. HEALTH & ACTING CHIEF PSYCHOLOGIST, ROOSEVELT HOSP. NEW YORK, 68- Res. dir. Anti-Poverty Prog., East Harlem, 65-66; prin. invest., Title I grant, 68; U.S. Off. Ed. res. grant, 68-69. Res. consult., sch. med., Tennessee, 63-64; Community Develop. Youth, Huntington, N.Y., 64-65; consult., Title I proj., N.Y. State, 68. U.S.A., 43-46. Psychol. Asst.; Soc. Adierian Psychol. Community Mental health; foster care; anti-poverty program. Publ: Professionals and delinquents evaluate professional methods with delinquents, Soc. Probs., summer 65; co-auth., Children's feelings of powerlessness in a community action program, Psychol. Reports, 66; auth. In loco parentis, J.C.C.A., 5/70. Address: 11 Riverside Dr., New York, N.Y. 10023.
- GOTTLIEB, PROF. DAVID, b. U.S. July 7, 30; m. 55; c. 4. SOCIOLOGY. B.A., Wayne State, 53; Ph.D., Chicago, 60. Res. assoc., social, Wayne State, 51-53; res. analyst, Soc. Res. Inc., 55-57; lectr., social, Northwestern, 57-56; asst. study dir., nat. opinion res. center, Chicago, 58-60; asst. prof. sociol. & anthropol., Mich. State, 60-62; assoc. prof., 62-64; assoc. dir. plans & prog., Job Corps Off. Econ. Opportunity, 64-67; PROF. SOCIOL. & DIR. DIV. COMMUNITY SERV., COL. HUMAN DEVELOP., PA. STATE, 67- Consult., Peace Corps; res. adv. & consult., U.S. Soc. Security Admin.; consult., President's Cmt. Sci. & Tech., 63-64; V-President's Cmt. Youth, 64-67; Off. Econ. Opportunity, 67- U.S. Merchant Marine, 53-55. Sociol. Asst.; Ed. Res. Asst. Attitude change; sociology of higher education research on adolescent socialization and value systems; education and socialization of disadvantaged youth. Publ: Co-auth., Adolescent behavior in urban areas, 63 & The emergence of youth cultures, 66, Macmillan; The American adolescent, Dorsey, 64. Address: College of Human Development, Pennsylvania State University, State College, Pa. 16801.
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- GOTTWALD, DR. RICHARD L(ANDOLN), b. Detroit, Mich., Jan. 24, 41; m. 65; c. 1. PSYCHOLOGY. B.A., Michigan, 64; M.A., Hopkins, 66, Ph.D. (psychol.), 68. RES. STAFF PSYCHOLOGIST & LECTR., YALE, 68- AAAS; Psychol. Asst. Concept attainment; problem solving; classification behavior; temporal and spatial pattern perception; information processing. Publ: Co-auth., Some perceptual factors in the learning of sequential patterns of binary events, J. Verbal Learning & Verbal Behav., 67 & The perception and learning of temporal patterns, Quart. J. Exp. Psychol., 68. Address: Dept. of Psychology, Yale University, New Haven, Conn. 06510.
- GOUGH, PROF. AIDAN RICHARD. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- GOULD, DR. A. LAWRENCE. Statistics. See 12th ed, Phys. & Biol. Vols.
- GOULD, DR. JOHN D(AVID). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also mgr. behav. sci. group, 68-, IBM Research Center, Yorktown Heights, N.Y. 10598.
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- GOULD, DR. RAYMOND F(RANCIS). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. social, Hood Col., 69- Address: 201 Crestview Court, Frederick, Md. 21701.
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- GOURAN, DR. DENNIS S., b. Peoria, Ill., Oct. 30, 41; m. 63; c. 1. SPEECH. B.S., Illinois State, M.S., 65; Ph.D. (speech), Iowa, 68. ASST. PROF. SPEECH, INDIANA, BLOOMINGTON, 68- Speech Asst. Am. Group communication and persuasion. Publ: Attitude change and listeners' understanding of persuasive communication, Speech Teacher, 11/66. Address: 215 S. Rose, Bloomington, Ind. 47401.
- GOVE, PROF. SAMUEL K(IMBALL). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 2006 Bruce Dr., Urbana, Ill. 61801.
- GOVE, DR. WALTER ROBERTS, b. Holden, Mass., June 9, 38; m. 65; c. 1. SOCIOLOGY. B.S. State Univ., N.Y. Col. Forests, Syracuse, 60; M.A., Washington (Seattle), 67, Ph.D. (sociol.), 68. ASST. PROF. SOCIOLOGY, VANDERBILT, 68- Sociol. Asst. Deviance, especially sociology of mental illness; methodology; social psychology; human ecology; family economics. Publ: Co-auth., The conception and measurement of asymmetric monotonic relationships in psychology, 5/69 & Speech deprivation: a cause of psychotic disorganization, 3/70, Am. J. Sociol.; co-auth., An intensive treatment program for psychiatric in-patients: a description and evaluation, J. Health & Soc. Behav., 9/69. Address: Dept. of Sociology, Vanderbilt University, Box 1811, Station B, Nashville, Tenn. 37203.
- GOW, PROF. J(AMES) STEELE, JR. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 4519 Middle Rd., Allison Park, Pa. 15101.
- GOZANSKY, DR. NATHANIEL ELLIOTT. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- GRABOWSKI, DR. HENRY GEORGE. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 507 Whitney Ave., New Haven, Conn. 06511.
- GRADY, LT. COL. MICHAEL J, JR., U.S.A.F., b. Central Falls, R.I. Nov. 4, 29; m. 53; c. 5. EDUCATIONAL PSYCHOLOGY. Ed. B., Rhode Island Col., 51; M.A., Alabama, 61, Ph.D. (ed. psychol.), 64. U.S. AIR FORCE, 51-, from instr. to ASSOC. PROF. PSYCHOL., U.S. AIR FORCE ACAD., 64-66, DIR. ED. RES., 69- dep. instr. & res., 66-69. Consult., Decision Sci. Lab., L.G. Hanscom Field, Mass., summer 65. Ed. Res. Asst.; Psychol. Asst.; Personnel & Guid. Asst. Educational research, especially motivation and the prediction of both attrition and academic success; student attitudes as they relate to academic achievement. Address: 4604 El Camino Dr., Colorado Springs, Colo. 80907.
- GRAFTON, DR. THURMAN S(TANFORD). Laboratory Animal Medicine. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- GRAHAM, DR. DOUGLAS H., b. Erie, Pa.; June 23, 32; m. 60; c. 2. ECONOMICS. B.A., Yale, 55; M.A., Hopkins, 59; M.A., Harvard, 63, Ph.D. (econ.), 68. Instr. ECON., Northeastern, 63-55; ASST. PROF., VANDERBILT, 66- Vis. prof., grad. sch. econ., Getulio Vargas Found., Rio de Janeiro, Brazil, 66-68. Mem. joint study group on indust. res. in Brazil, U.S.-Brazil Coop. Prog., Nat. Acad. Sci., 67-68. U.S.N., 55-57. Econ. Asst.; Latin Am. Studies Asst. High level manpower problems in underdeveloped societies; Latin American economic problems; contemporary Brazilian economic problems; internal migration and economic growth. Publ: Divergent and convergent regional economic growth and internal migration in Brazil, 1940-1960, Econ. Develop. & Cultural Change, 4/70. Address: Dept. of Economics, Box 1819, Station B, Vanderbilt University, Nashville, Tenn. 37203.
- GRAHAM, EARL ADDISON. Economics. See 11th ed, Soc. & Behav. Vols., deceased 69.
- GRAHAM, DR. GERALD H(UGH). Social Science, Organizational Behavior. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn. admin. dept., Wichita State, 69- Address: 2753 N. Pershing, Wichita, Kans. 67220.

- GRAHAM, PROF. J(AMES) KEITH, b. Detroit, Mich, Dec. 14, 25; m. 56; c. 2. SPEECH PATHOLOGY, AUDIOLOGY. B.S., Wayne State, 48, M.A., 51; Ph.D. (speech path), Northwestern, 64. Dir. speech clin, Cornell, 49-51; Northwestern, 55-63; res. staff consult, sensory disabilities study sect, div. res. grants, Voc. Rehab. Admin., Dept. Health, Ed. & Welfare, 63-66; PROF. SPEECH PATH. & AUDIOLOG. & CHMN. DEPT. WICHITA STATE, 66. Fed. consult, subcom. on sensory aids, com. on prosthetics res. & develop., Nat. Acad. Sci.-Nat. Res. Coun, 63-66; consult, tech. utilization br., NASA, 63-66. U.S.A. 51-. Speech & Hearing Assn. Disorders of human communication; stuttering; sensory aids for the blind and deaf. Publ: Co-auth, Treatment of communicative disorders, In: Mental retardation: diagnosis and treatment, Harper, 69. Address: Dept. of Logopedics, Wichita State University, Wichita, Kans. 67208.
- GRAHAM, JOHN J(OSEPH). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 44 Bromfield St, Boston, Mass. 02108.
- GRAHAM, DR. JOHN R(OBERT). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 68-. Dept. of Psychology, Kent State University, Kent, Ohio 44240.
- GRAHAM, DR. LAWRENCE S. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-. Dept. of Government, University of Texas, Austin, Tex. 78712.
- GRAHAM, DR. LEROY STONEY. Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: On leave from American Univ. as dir., 69-, Washington Pastoral Counseling Service, 1500 16th St. N.W., Washington, D.C. 20036.
- GRAHAM, DR. WILLIAM KIMBALL, b. Palo Alto, Calif., Feb. 25, 39; m. 61; c. 1. PSYCHOLOGY. B.A., Willamette, 62; M.A., Illinois, 64; Ph.D. (psychol.), Wayne State, 66. Asst. prog. dir. human resources res., U.S. Ins. Agency Mgt. Assn, 66-68; PROF. PSYCHOL., CALIFORNIA, BERKELEY, 67-68; AAAS; Nat. Coun. Crime & Delinquency; Psychol. Assn. Attitude change; social influence processes; leadership; organizational psychology. Publ: Description of leader behavior and evaluation of leaders as a function of LPC, 68. Comparison of job attitude components across three organizational levels, 69 & co-auth, Personality correlates of supervisory ratings, 69. Personnel Psychol. Address: Dept. of Psychology, University of California, Berkeley, Calif. 94720.
- GRAHAM, DR. WILLIAM MUIR. Ecology, Insect Behavior. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- GRAME, THEODORE C. b. New York, N.Y., Jan. 28, 30; m. 53; c. 1. ETHNO-MUSICOLOGY. Mus.B., Manhattan Sch. Music, 52, Mus.M., 54; N.Y. Univ. 58-62. Assoc. curator music, Mus. Music, Scarsdale, N.Y., 61-64; lectr. hist. music, Yale, 64-68, docent musical instrument, 66-68; LECTR. WORLD MUSIC, WESLEYAN, 68-. Yale Concilium Int. Studies grants, Maghrib, 65 & 67. Consult, musical instruments, ethnomusicology proj., Nat. Inst. Ment. Health, 63-65; folk music, Juilliard repository proj., U.S. Off. Ed, 64-67. Mem. bd., Nat. Coun. Arts in Ed, 66-. Soc. Ethnomusicol. (secy., 64-). Musical instruments; Maghribi music; American music. Publ: Bamboo and music: a new approach to organology, 1/62 & An historical view of musicology and performance, 9/63. Ethnomusicology: Music in the Jma al-Fna of Marrakesh, Morocco, Musical Quart., 1/70. Address: Dept. of Music, Wesleyan University, Middletown, Conn. 06457.
- GRANELL, DR. LEE E. Speech. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- GRANGER, PROF. SHELTON B. b. Harrisburg, Pa., Feb. 21, 21; m. 43; c. 5. POLITICAL SCIENCE. A.B., Howard, 42; M.S., Columbia, 47; Western Reserve, 51. Dir. indust. rels., Cleveland Urban League, 47-51, exec. dir., 58-62; Minneapolis Urban League, 51-58; dir. youth develop. div., Children's Bur., Dept. Health, Ed. & Welfare, 62-63; human resources develop. div., Latin Am. Bur. Agency Int. Develop., 63-65; dep. asst. secy. int. affairs, Dept. Health, Ed. & Welfare, 65-69; ASSOC. PROF. POLIT. SCI., MACALESTER COL., 69-. Guest lectr., schs. soc. work, Univ. Minnesota & Univ. Maryland. Ford Found. ed. consult. for Gray Areas Prog., 60-61; consult, President's Cmt. Juvenile Delinquency, Dept. Justice, spring 62. U.S. del. Ninth Orgn. Am. States Conf. on Children, Argentina, 63, UN Econ. & Soc. Coun. Geneva, 66, UN Comm. on Soc. Develop., 66-68 & UN Conf. Ministers, 68. U.S.A. 42-46, 1st Lt. International relations; civil rights; social welfare planning; national and international community development. Publ: Planning 1963, key issues in human welfare, Am. Soc. Planning Off., 63; Meeting information needs in health, education and welfare, the computer in American health, John Wiley & Sons, 67; Issue 20, people and food: the coming crisis, toping info, U.S. Info. Agency Pub., 8/67. Address: 1832 Kenwood Pkwy., Minneapolis, Minn. 55405.
- GRANROSE, DR. JOHN THOMAS. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- GRANT, PROF. DANIEL R(OSS). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Pres., Ouachita Baptist, 70. Address: Phelps Circle, Arkadelphia, Ark. 71923.
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- GRANT, DR. WARREN RAY, b. Hillsboro, Tex., Nov. 15, 33; m. 58; c. 3. AGRICULTURAL ECONOMICS. B.S., Texas A&M, 55, M.S., 56, Ph.D. (agr. econ), 69. Res. technician, Tex. Agr. Exp. Sta., 56 & 58-59; agr. statistician, Statist. Reporting Serv., U.S. DEPT. AGR. Tex., 59-61, AGR. ECONOMIST, FARM PROD. ECON. DIV., ECON. RES. SERV., Ark., 61-64, Tex., 64-68, CALIF., 69-. U.S.A. 56-58. Economic problems associated with rice production and marketing. Publ: Co-auth, Effects of allotment and price changes on rice farmers in the Mississippi River Delta, 67 & Equipment changes and weather on rice farmers in the Grand Prairie, Arkansas, 69, Ark. Agr. Exp. Sta.; auth, A model for estimating costs of government programs for rice, Agr. Econ. Res., 7/67. Address: Economic Research Service, U.S. Dept. of Agriculture, University of California, Davis, Calif. 95616.
- GRATCH, PROF. GERALD, b. New York, N.Y., Oct. 28, 27; m. 61; c. 1. PSYCHOLOGY. Soc. Sci. Res. Coun. fel., Dartmouth Col., 53; Ph.D. (psychol.), Chicago, 56. U.S. Pub. Health Serv. fel. child develop., Cornell, 56-57; res. assoc., Minnesota, 57-58; U.S. Pub. Health Serv. intern clin. psychol., Ill. Neuropsychiat. Inst., 58-59; Michael Reese Hosp., 59-60; instr. soc. sci. & psychol., Wright Jr. Col., 60-62; asst. prof. child develop., Roosevelt, 62-64; from assoc. prof. to PROF. PSYCHOL., HOUSTON, 64-. Nat. Inst. Ment. Health grant, 65-66; Nat. Inst. Child Health & Human Develop. grant, 68-70. U.S.A. 46-47. AAAS; Psychol. Assn; Soc. Res. Child Develop. Identification of levels of knowing, especially the relationship between intuition and analysis in the course of human development. Publ: Co-auth, A clinical approach to the understanding of normal and pathologic development, Arch. Gen. Psychiat., 66; auth, Response alteration in children, Vita Humana, 66 & An exploratory study of the relation of dependence upon adult approval and age to children's risk taking, Child Develop., 66. Address: Dept. of Psychology, University of Houston, Cullen Blvd., Houston, Tex. 77004.
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- GRAY, DR. RUST F. JR., b. Beloit, Wis., July 27, 37; m. 61; c. 1. BUSINESS ADMINISTRATION, FINANCE. B.A., DePance, 69; M.B.A., Miami (Ohio), 63; Ph.D. (econ. finance), Illinois, 70. Staff acct., Touche, Ross, Bailey & Smart, 60-62; instr. finance, Miami (Ohio), 63-65; ASST. DEAN DIV. BUS. ADMIN., WRIGHT STATE, 69-. Corporate, consumer and public finance. Address: Division of Business Administration, Wright State University, Dayton, Ohio 45431.
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- GREEN, PROF. JAMES (LEROY). Economic Development, Industrial Relations. See A-K Vol, 11th ed, Soc. & Behav. Vols. New publ: Economic ecology: baselines for urban development, Univ. Georgia, 69. Address: Dept. of Economics, University of Georgia, Athens, Ga. 30601.
- GREEN, DR. KENNETH F(ISHNER). b. Lewiston, Maine, Oct. 29, 40; m. 63; c. 1. EXPERIMENTAL PSYCHOLOGY. A.B. Brown, 62; M.S. Massachusetts, 66; Ph.D.(psychol), 67. Fel. PSYCHOL, Harvard Med. Sch., 67-68; ASST. PROF. CALIF. STATE COL. LONG BEACH, 68- Psychol. Asn. Neural bases of behavior and behavior changes. Address: Dept. of Psychology, California State College at Long Beach, Long Beach, Calif. 90801.
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- E. Africa Prog, 63-64; summer, Nat. Defense Ed. Act-Fulbright Hays travel grant, 64. Fel. Anthropol. Assn; African Studies Assn; Ling. Assn. Am. Africa. Publ: Prefix and pronoun in Bantu, Int. J. Am. Ling, 67; Linguistic serialation . . . , African Lang. Rev, 67; Words and things in African prehistory, Anthropol. Ling, 68. Address: Dept. of Anthropology, Queens College, Flushing, N.Y. 11367.
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- FORD, 65-. Agr. planning expert, Govt. Algeria, 63-64; adv. UN, 67; summers, res. adv, Pakistan Inst. Develop. Econ, 65; adv. U.S. Agency Int. Develop, 66; Inter-Am. Cmt. Alliance Progress, 68. Econ. Assn; Royal Econ. Assn. Economic development; international trade and finance; economic planning; agricultural policy; public finance. Publ: Co-auth, Comercio internacional y políticas de desarrollo económico, Fondo de Cultura Económica, 67; auth, Underdevelopment in Spanish America, Allen & Unwin, 69; co-auth, Planning development, Addison-Wesley, 70. Address: Magdalen College, Oxford, Eng.
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Tzujulij, 4/68. The palatalized velar stop in Proto-Quechua, 1/69 & The phonological history of the Quechuan languages, (in press), Int. J. Am. Ling. Address: Dept. of Anthropology, Southern Illinois University, Carbondale, Ill. 62901.

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GRISIO, DR. J. THOMAS, b. Dayton, Ohio, Oct. 17, 42; m. 64. PSYCHOLOGY. B.A., Ashland Col, 64; M.A., Arizona, 66, Ph.D. (clin. psychol), 69. Psychol. intern., Conn. Valley Hosp, 67-68; ASST. PROF. CLIN. PSYCHOL. & CLIN. PSYCHOLOGIST, ASHLAND COL, 69- Psychol. Asn. Psychological testing; psychopathology; psychotherapy. Publ: Co-auth. Test interference in a Rorschach-WAIS sequence, J. Consult. Psychol, 67; auth. Verbal behavior and the action-thought dimension, J. Abnorm. Psychol, 70. Address: 313-C Hillcrest Dr, Ashland, Ohio 44805.

GRISWOLD, PROF. JOHN ALFRED. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Finance, School of Business, Florida State University, Tallahassee, Fla. 32306.

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GROMEN, PROF. RICHARD JOHN. British History. See Suppl. I to 5th ed, Dir. Am. Scholars.

GROOM, DR. JOHN L(OUIS). Government. See 11th ed, Soc. & Behav. Vols, deceased.

GROSOF, PROF. ELLIOTT HOWARD. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 77 Nottingham Terr, Buffalo, N.Y. 14216.

GROSS, DR. ANDREW CHARLES, b. Budapest, Hungary, Apr. 24, 35; U.S. citizen; m. 60; c. 2. ECONOMICS, MARKETING. B.S., Case Inst. Tech, 57; Nat. City Bank Cleveland scholar, Western Reserve, 61-62, M.B.A., 62; Battelle Mem. Inst. fel, Ohio State, 62-64, Ph.D. (econ), 68; Center Community Studies fel, Saskatchewan, 64-65. Assoc. engr, Ohio Edison Co, 57-60; staff engr, Sohio Pipe Line Co, 60-61; off. engr, Dept. Hyws, Painesville, 61-62; tech. officer, Dom. Bur. Statist, Ottawa, 65; asst. instr. econ, Ohio State, 65-66; instr. econ. mkt, Lehigh, 68-68; ASST. PROF. BUS. ADMIN., CLEVELAND STATE, 68- fel, Case Inst. Tech, summer 68. Res. assoc.

Predicasts, Inc, Cleveland, Ohio, 61-62, res. consult, 68- U.S.A., 59, Res, 59-69. Econ. Asn; Mkt. Asn; Indust. Rel. Asn. Labor, manpower and managerial economics; economics of research and development; statistics; marketing research; industrial marketing; consumerism; educational administration; higher education; engineering economics and education. Publ: Small computers, Predicasts, 70; On engineering students and engineering education, J. Higher Ed, 10/69; Patterns and determinants of income of Canadian engineering graduates, Indust. & Labor Rel. Rev, 10/69. Address: College of Business Administration, Cleveland State University, Cleveland, Ohio 44115.

GROSS, PROF. BERTRAM (MYRON). Political Science, Business Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir, 68-, Center for Urban Studies, Wayne State University, Detroit, Mich. 48202.

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GROSS, FRANK PETER, b. Nov. 3, 34; U.S. citizen. SPECIAL EDUCATION, EDUCATIONAL ADMINISTRATION. B.A., Ohio Wesleyan, 56; M.A., Ohio State, 57; summers, Kent State, 63, Harvard, 65. Teaching asst., Ohio State, 57-58; intern sch. psychologist, Delaware City Schs, Ohio, 58-59, psychologist, Ohio State, 59-61; pupil personnel serv, 59-63; dir. pupil personnel, Wayne Local Schs, Ohio, 63-65; chief psychologist & admin. asst., DIV. SPEC. ED., OHIO STATE DEPT. ED, 65-66, ED. ADMINSTR., PUPIL SERV., 66- Instr. Ohio Wesleyan, 59-63; Miami (Ohio), 63-65; grad. sch., Ohio State, 66. Founding pres, Delaware Speech & Hearing Center, Ohio, 59-61, mem. 59-63. Mem., Ohio Inter-univ. Coun. Speech & Hearing, 65-, Ohio Dept. Ed. rep. to exec. bd, 66-; Ohio State Dept. Ed. rep. & secy., Ohio Inter-univ. Coun. Trainers of Sch. Psychologist, 65- Coun. Except. Children; Nat. Asn. Sch. Psychologists; Nat. Asn. Pupil Personnel Administr. Publ: History and development of school speech and hearing therapy in Ohio, Ohio Dept. Ed. 68. The position of school psychologists in negotiations: one viewpoint, J. Sch. Psychol. sum., 68. An analysis of the case loads of school psychologists, Psychol. in Schs, fall 68; plus others. Address: 186 Eldon Ave, Columbus, Ohio 43204.

GROSS, PROF. JACK L(OUIS). Business Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Prof. mkt. & actng dir. bur. econ. & bus. res. Tempole. Address: Media Statistics, Inc, 509 Madison Ave, New York, N.Y. 10022.

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GROSS, DR. REUBEN (HERMAN). Modern History, Social Sciences. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.

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GROSSBERG, DR. STEPHEN. Mathematics, Psychology. See Suppl. V & VI to 11th ed, Phys. & Biol. Vols.

GROSSCUP, DR. GORDON L(ONARD). Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, 69-, Dept. of Anthropology, Wayne State University, Detroit, Mich. 48202.

GROSSE, PROF. ROBERT N(ATHAN). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. health planning, 68-, School of Public Health, University of Michigan, Ann Arbor, Mich. 48104.

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- kings, 65. Asst. prof. ECON. BROWN, 64-69, ASSOC. PROF. 69- Nat. Sci. Found. grant, 69- Econ. Assn; Finance Assn. Economic theory; monetary economics. Publ: Reserve base, reserve requirements, and the equilibrium rate of interest, *Quart. J. Econ.*, 87; Expectations, transactions costs, and asset demands, *J. Finance*, 69; Theories of markets without recontracting, *J. Econ. Theory*, 70. Address: Dept. of Economics, Brown University, Providence, R.I. 02912.
- GROSSMAN, MORTON C. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Res. fel. develop. adv. serv., 66- Center for International Affairs, Harvard University, 1737 Cambridge St, Cambridge, Mass. 02138.
- GROTA, DR. LEE J. Experimental Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- GROTELUESCHEN, DR. ARDEN, b. Columbus, Neb., Mar. 21, 40; m. 62; c. 3. EDUCATIONAL PSYCHOLOGY. B.S. Concordia Teachers Col.(Neb.), 61; M.A., Minneapolis, 65; Ed.D. (ed. psychol.), Nebraska, Lincoln, 67. Instr. ed. psychol., Concordia Teachers Col.(Neb.), 62-63; res. assoc. adult ed., Nebraska, Lincoln, 64-66; Teachers Col., Columbia, 66-68; Nat. Ed. Res. fel., 66-69; ASST. PROF. ED. PSYCHOL., ILLINOIS, URBANA, 69- Consul., Cmn. Col. Physics, 68; Biol. Sci. Curriculum Study, 69. Chmn., Adult Ed. Res. Coun., 69-70. Ed. Res. Assn. Adult learning and instruction. Publ: Co-auth., Analysis of the quick word test as an estimate of adult mental ability, *J. Ed. Measurement*, 67, Adult intelligence and learning ability, *Adult Ed.*, 68 & Effects of differentially structured introductory materials and learning tasks on learning and transfer, *Am. Ed. Res. J.*, 68. Address: 270 Education Bldg., University of Illinois, Urbana, Ill. 61801.
- GROTPETER, DR. JOHN JOSEPH, b. St. Louis, Mo., Nov. 30, 38; m. 67; c. 1. POLITICAL SCIENCE. B.S., St. Louis, 60; Woodrow Wilson Found. fel. & M.A., Duke, 61; Woodrow Wilson Found. & instr. fel. & Ph.D. (polit. sci.), Washington (St. Louis), 65. Instr. POLIT. SCI., ST. LOUIS COL. PHARM., 62-64, asst. prof., 64-68, ASSOC. PROF., 68- CHMN. DIV. LIB. ARTS, 68- Instr. Webster Col. & St. Louis, 64- Polit. Sci. Assn; fel. African Studies Assn. African political development, especially in Southern African and particularly in Botswana, Lesotho and Swaziland. Address: 7560 Stanford, St. Louis, Mo. 63130.
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- GROVES, PROF. HAROLD M(ARTIN). Economics. See 11th ed, Soc. & Behav. Vols. deceased 69.
- GRUB, DR. PHILLIP DONALD, b. Medical Lake, Wash., Aug. 8, 31. INTERNATIONAL ECONOMICS, BUSINESS ADMINISTRATION. B.A. (econ) & B.A. (bus. ed.). East. Wash. State Col., 53; M.B.A., George Washington, 60, Scottish Rite Found. & Am. Security & Trust Co. fcls., 60-64, Ph.D. (int. trade), 64. Dr. pub. info. Hq., U.S. Army, Far East, 54-56; chmn. dept. bus. ed., Twisp Sr. High Sch., 56-58; Mead Sr. High Sch., 58-59; vis. prof., East. Wash. State Col., 60-62; pres., Phillip Grub Assocs., 60-64; ASSOC. PROF. BUS. ADMIN., GEORGE WASHINGTON, 64- CHMN. DEPT. 68- dir. prog. int. bus., 64-68. Summers, mem. N.Y. Univ. Workshop. Int. Bus., 65, fel. Found., on the Hudson, 66. Mem. Pres. Nat. Export Expansion Coun., 70. U.S.A., 54-56, Sgt. Acad. Mgt. Assn; Econ. Assn; Asst. Ed. Int. Bus. (treas., 68-). Managerial and executive leadership and development; international transfer of management skills. Publ: Co-auth., Executive leadership: the art of successfully managing resources, MDI Publ., 69, American-East European trade, Nat. Press, Inc., 69 & Changing patterns in the industrial development of Venezuela: the personal care and pharmaceutical industries (2 parts), *J. Develop. Areas*, 69. Address: Dept. of Business Administration, George Washington University, Washington, D.C. 20006.
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- GRUEN, EDWARD (DIETRICH). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Chief econ. statist. br., Foreign Trade Division, Bureau of the Census, Federal Office Bldg. 4, Room 2220, Washington, D.C. 20233.
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- GRUNBERG, PROF. EMILE. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: No longer head, Dept. of Economics, University of Akron, Akron, Ohio 44304.
- GRUNDEN, DR. LEE R(OBERT). Neuropsychology, Behavioral Pharmacology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- GRUNDTVIG, DR. JOHN LANCE. Physiological & Clinical Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Chief psychol. & psychol. res. 70-, Veterans Administration Hospital, Knoxville, Iowa 50138.
- GRUNDY, DR. KENNETH WILLIAM, b. Philadelphia, Pa., Aug. 6, 36; m. 60; c. 2. POLITICAL SCIENCE. B.A., Ursinus Col., 58; Nat. Defense Ed. Act fel., Pa. State, 61, Ph.D. (polit. sci.), 63. Asst. prof. POLIT. SCI., San Fernando Valley State Col., 63-66, ASSOC. PROF., CASE WEST. RESERVE, 66- Rockefeller grant & vis. sr. lectr., Makerere Univ. Col., Univ. East Africa, 67-68; summers, vis. asst. prof., Pa. State, 65, lectr., Am. Studies Seminar, Falkenstein & Tausus, Germany, 68. Polit. Sci. Assn; fel. African political systems, especially ideologies and international affairs. Publ: Co-auth., African socialism, Stanford, 64 & African political thought, *Univ. Denver*, 68; auth., Conflicting images of the military in Africa, *East African Pub. House*, 68. Address: Dept. of Political Science, Case Western Reserve University, University Circle, Cleveland, Ohio 44106.
- GRUNEWALD, DR. DONALD. Business Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: V-pres. & dean, col. liberal arts & sci., 69-, Suffolk University, 41 Temple St., Boston, Mass. 02114.
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- GUE, DR. RONALD (LEE). Operations Research. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Pres. & chmn. bd., 70-, Medicus Corp., 1104 Expressway Tower, Dallas, Tex. 75206.
- GUEDRY, DR. LEO JOSEPH, b. Morganza, La., Nov. 2, 40; m. 64; c. 2. AGRICULTURAL ECONOMICS. B.S., La. State, 63; M.S., Illinois, 65; Ph.D.



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- GUERN, PROF. JOSEPH R. b. Philadelphia, Pa., Jan. 28, 26; m. 51; c. 7. ECONOMICS. B.A., La Salle Col., 48; M.A., Fordham, 50; Ph.D.(econ), Pennsylvania, 60. Instr. ECON. Dayton, 49-52; St. Joseph's Col.(Pa), 52-55; Pennsylvania, 55-58; PROF. ST. JOSEPH'S COL.(PA), 56-66. Summers, Ford Found. fel., Faculty Res. Seminar, 64; State Dept. specialist grant to lect. in Guatemala, 65. U.S.A.A.F., 44-46. Econ. Asn. Food marketing institutions in developing economies; quality of product as an economic variable. Publ: Excise taxation and quality of product, Pub. Finance, 80; Limitations of supermarkets in Spain, J. Mkt., 64; New food-marketing institutions in an underdeveloped economy, Food Res. Inst. Studies, 65. Address: 2419 Bryn Mawr Ave, Ardmore, Pa. 19003.
- GUERTIN, PROF. WILSON H(OWLAND). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. 66., College of Education, University of Florida, Gainesville, Fla. 32601.
- GUEST, PROF. ROBERT H(ENRY). Industrial Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Correction: Prof. bus. admin, Amos Tuck Sch., Dartmouth Col., 60-66; prof. orgn. behav. 66. Address: 8 Barrett Rd, Hanover, N.H. 03755.
- GUFFEY, PROF. LOREN, b. Mt. Pulaski, Ill, Apr. 9, 36; m. 61; c. 2. ECONOMICS. B.S., Tulsa, 61; M.A., Arkansas, 63, Ph.D.(bus. econ), STATE COL. ARK., 65-70, PROF., 70- Summers, Gen. Elec. fel., seminar appl. econ, Univ. Chicago, 66, Nat. Sci. Found. fel., inst. col. teachers econ, Univ. South Carolina, 70. Mem. Ark. Planning Cmn, summer 68; pub. adv. cmt. Center Leisure Sci., 69. U.S.A.F., 54-58. Econ. Asn. Address: Dept. of Economics, State College of Arkansas, Conway, Ark. 72032.
- GULLIAMS, DR. CLARK I(RVIN). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also head, 70., Dept. of Psychology, Missouri Southern State College, Joplin, Mo. 64801.
- GUINAN, SISTER ST. MICHAEL, O.S.U. b. Mt. Carmel, Ont, Jan. 1, 04. PSYCHOLOGY. B.A., Western Ontario, 23; M.A., Catholic Univ., 37; Nat. Res. Coun. fel., Laval, 46-49, lic. 48, Ph.D.(psychol, philos), 49. From lectr. to prof. philos. & psychol, Brescia Col., Western Ontario, 38-66, head dept., 49-68. EXEC. OFFICER & RESEARCHER, DEPT. SOC. & FAMILY SERV., 66. Can. Coun. summer res. grant, Widener Library, Harvard, 63, 64 & 65. Mem. Ont. Govt. Interdept. Adv. Cmt. Aging, 67-; London Coun. Adult Ed., 68. Can. Psychol. Asn.; Can. Polit. Sci. Asn.; Can. Asn. Adult Ed.; Can. Philos. Asn.; Can. Welfare Coun.; Interam. Psychol. Asn. Existential and social philosophy; aesthetics; developmental psychology; aging. Publ: Existential analyst and the human condition, Proc. Am. Cath. Philos. Asn.; Roman Catholic women's communities, In: Encyclopedia Canadiana. Address: Office on Aging, Dept. of Social and Family Services, Fifth Floor, Hepburn Bldg., Parliament Bldgs. Toronto 5, Ont, Can.
- GUIORA, DR. ALEXANDER Z(EV). Clinical Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., 70., Dept. of Psychiatry, University of Michigan, Ann Arbor, Mich. 48104.
- GUTHRIE, DR. HAROLD DANIEL, b. Walnut, Ill, June 16, 27; m. 53; c. 3. AGRICULTURAL ECONOMICS. B.S., Illinois, Urbana-Champaign, 49, M.S., 50, Ph.D.(agr. econ), 62; Washington (St. Louis), 51. Agr. economist, Doane Agr. Serv. Inc., 50-56; asst. prof. agr. extn., ILLINOIS, URBANA, 56-62, ASSOC. PROF., 62-66, AGR. ECON. UNIV., 66. Chief party, Univ. Illinois-Agency Int. Develop. Contract in Jordan, 64-66, assoc. prof. leader, Cmt. Inst. Coop-Agency Int. Develop. Rural Develop. Res. Proj., 66-68. Agr. comm. award, Am. Asn. Agr. Col. Ed., 61. U.S.N.R., 45-46. Agr. Econ. Asn. Agricultural communications; institution building in rural and economic development; agricultural policy and public affairs. Publ: Co-auth, Mission overseas, Univ. Illinois, 69; auth, Factors influencing farmer's decisions to leave farming, J. Farm Econ, 63 & Direct payments: an increasing proportion of farm income and changing geographic distribution, Am. J. Agr. Econ, 69. Address: 613 Harding Dr, Urbana, Ill. 61801.
- GUJARATI, DR. DAMODAR N., b. Poona, India, Dec. 12, 36; m. 65; c. 2. QUANTITATIVE ECONOMICS. M.Comm., Bombay, 60; M.B.A., Chicago, 63, Ph.D.(econ), 65. Lectr. econ, BARUCH COL., 65-68, ASSOC. PROF. ECON. & ECONOMET, 68. Econometric research in employment, productivity and production functions. Publ: The economics of Davis-Bacon Act, J. Bus., 7/67; Cyclical behavior of help-wanted index and unemployment rate, Rev. Econ. & Statist., 11/69; Labor's share in U.S. industries, Indust. & Labor Rel. Rev., 11/69. Address: Dept. of Economics, Baruch College, 17 Lexington Ave, New York, N.Y. 10010.
- GULATI, DR. UNESH C., b. Pakistan, Sept. 27, 33; m. 63; c. 2. ECONOMICS. B.A.(Hons), Delhi, 54, M.A., 56; Earhart Found. fel. & Ph.D.(econ), Virginia, 69. Econ. instr., Ministry of Commerce & Finance, Govt. India, 56-64; extn. instr. ECON, Virginia, 66-67, instr. summer 67; ASSOC. PROF. EAST CAROLINA, 67. Econ. Asn. Economic policy and development in India; scarcity of capital and interest rates in underdeveloped countries, especially India. Address: Dept. of Economics, East Carolina University, Greenville, N.C. 27834.
- GULLAHORN, DR. JEANNE E(RARD). Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. psychol., Mich. State, 69- Address: 313 E. Brookfield Dr, East Lansing, Mich. 48823.
- GULUTSAN, DR. METRO, b. Buchanan, Sask, Nov. 25, 25; m. 47; c. 3. EDUCATIONAL PSYCHOLOGY. B.A., Saskatchewan, 47, B.Ed., 52; Ph.D.(ed. psychol), California, Berkeley, 62. Teacher, pub. schs, Sask, 43-48; ed. psychologist, Govt. Sask, 49-60; Instr. ED. PSYCHOL, British Columbia, 60-62; asst. prof. ALBERTA, 62-64, ASSOC. PROF., 64- Can. Coun. fel., 68-69. Can. Psychol. Asn.; Can. Int. & Comp. Ed. Soc. International comparative psychology of education, particularly Soviet and East European; human learning and development. Publ: Some effects of mental health instruction, 85 & Jean Piaget's Soviet psychology, 67, Am. J. Ed. Res., Res. Rept. trends in Soviet educational psychology, Can. Psychologist, 67. Address: Dept. of Educational Psychology, University of Alberta, Edmonton, Alta, Can.
- GUMPERZ, PROF. J(ONN) J(OSEPH), b. Hattingen, Germany, Jan. 9, 22; nat. m. 60; c. 2. ANTHROPOLOGY, LINGUISTICS. A.B., Cincinnati, 48; M.A., Michigan, 49, Ph.D.(Germanic lang), 54. Res. assoc. ling. Cornell, 52-53, Instr., 53-54; Ford Found. fel., India, 54-58; instr. Hindi, CALIFORNIA, BERKELEY, 56-57, asst. prof. S.Asian Lang, 57-61, asst. prof. S.Asian lang. & ling., 61-65, PROF. ANTHROP. & CHMN. CENTER SOUTH & SOUTH-EAST ASIA STUDIES, 67. Nat. Sci. Found. fel., 62-63. Summer vis. prof., Decan Col., 67, Ling. Inst. Am. Indiana, Bloomington, 64. Ling. Soc. Am. fel. Anthropol. Soc. Asn. Asian Studies. Sociolinguistics and anthropological linguistics; applied linguistics; Hindi and other South Asian languages. Publ: Co-ed, Linguistic diversity in South Asia, Indiana Univ., 80; co-auth, Conversational Hindi-Urdu, Univ. California, 62-63; co-ed, The ethnography of communication, Am. Anthropologist, 64. Address: Dept. of Anthropology, University of California, Berkeley, Calif. 94720.
- GUNLICKS, DR. ARTHUR B. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 68., Dept. of Political Science, University of Richmond, Richmond, Va. 23173.
- GUNN, PROF. H(AROLD) D(ALE). Cultural Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. anthropol. & hist. Lincoln (Pa), 69- Address: P.O. Box 22, Lincoln University, Pa. 19352.
- GUNN, DR. WALTER J., b. Harrison, N.J., Dec. 9, 35; m. 60; c. 3. EXPERIMENTAL PSYCHOLOGY, ELECTRONIC ENGINEERING. B.S., U.S. Merchant Marine Acad., 59; Newark Col. Eng., 61-62; Fairleigh Dickinson, 61-62; Stevens Inst. Tech., 62-65; M.A., Louisville, 67, Ph.D.(exp. psychol), 69. Asst. prof. engr, Bendix Corp., N.J., 60-63; electronic instrumentation engr, Feldman Res. Lab., Picatinny Arsenal, 63-65; med. res. lab. U.S. Army, Ky, 65-67, res. scientist, human resources res. unit, 67-69; asst. prof. speech & hearing, Cincinnati, 69-70; ASSOC. RESEARCHER, SCH. PUB. HEALTH & ADMIN. MED. COLUMBIA, 70- Electronic consult. engr. Lamont Geol. Observ., 60-61; psychol. dept, Univ. Louisville, 65-69; Cincinnati, 68-69. U.S.N.R., 56-68. Auditory processes; psychacoustics; research audiology; middle ear reflex; psychological and physiological effects of sound. Publ: Co-auth, Correlation of performance in detecting visual and auditory signals, Am. J. Psychol., 6/67; auth, Effects of attending to auditory signals on the magnitude of the acoustic reflex, U.S. Army Med. Res. Lab., Ft. Knox, Ky, 9/67. Address: 128 Ft. Washington Ave, Apt. 6K, New York, N.Y. 10032.
- GUNNERSON, DR. JAMES H(OWARD). Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. anthropol., Northern Illinois, 70-, dir. anthropol. labs, 69- Address: Dept. of Anthropology, Northern Illinois University, De Kalb, Ill. 60115.
- GUNNISON, DR. HUGH, JR., b. Mt. Kisco, N.Y., Nov. 26, 29; m. 52; c. 2. COUNSELING, EDUCATIONAL PSYCHOLOGY. B.A., St. Lawrence, 52, M.Ed., 59; Ed.D.(counseling), Syracuse, 64. Teacher, LaFayetteville Cent. Sch., 57-60; asst. prof. psychol., Onondaga community col., 63-64; lectr. counseling, Syracuse, 64-65; ASSOC. PROF., ED. ST. LAWRENCE, 65. Hosp. C., U.S.C.G., 52-58. Psychol. Asn.; Personnel & Guid. Asn. Psychological health, human potential through education, counseling and group procedures. Publ: Hypotheses regarding psychological health and social philosophies, J. Humanistic Psychol., spring 67. Address: 11 Harrison St, Canton, N.Y. 13617.
- GUPTA, DR. ANAND PRAKASH, b. Baghat, India, July 8, 37; m. 66. ECONOMICS, FINANCE. B.Com., Agra, 57, M.Com., 59; M.A., Florida, 63, Inst. Int. Ed. Develop. fel., summer 67, Ph.D.(econ), 68; guest scholar, Brookings Inst., summer 68. Asst. prof. commerce, S.D. Col., India, 59-62; econ. K.M. Col., Univ. Delhi, 64-65; bus. economist, Hindustan Motors Ltd., 65-66; assoc. prof. ECON, PIKEVILLE COL., 68-69, chmn. dept. econ, 69-70, CHMN. DIV. SOC. SCI., 70- Participant, U.S. Dept. Health, Ed. & Welfare Admin. Develop. Prog., 69. Econ. consult., Indian Chamber of Commerce, spring 66; tax consult., Pikeville Model City Prog., spring 69; consult, Dept. Revenue, Govt. of India, July 70. Econ. Asn.; Finance Asn.; Ind. Asn.; Bus. Econ.; Nat. Tax Asn.; Tax Inst. Am.; Can. Tax Found. Corporate income taxation in India with special reference to the tax rate structure and tax incentive schemes. Publ: Macro-economic approach to transport planning in India, 12/64 & co-auth, Corporate dividend policy in India, 1956-65, 3/66, Indian J. Commerce. Address: Division of Social Science, Pikeville College, Pikeville, Ky. 41501.
- GUPTA, DR. ARJUN KUMAR. Mathematical Statistics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- GUPTA, DR. CHAITAN PRAKASH. Mathematics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- GUPTA, DR. MANAK C., b. Abu Road, India, Aug. 7, 32; m. 64; c. 2. FINANCE. B.A., Agra, 53; M.A., Allahabad, 55; Hallman fel. & M.B.A., California, 49. Ph.D.(finance), 65. Eley-Stein Mem. fel. & Ph.D.(finance), 67. ASST. PROF. commerce, Iodhru, 62-65; FINANCE, Pa. State, 67-69; STATE UNIV. N.Y. BUFFALO, 69- Finance Asn. Economics; quantitative methods. Publ: Elements of portfolio theory and investments, D.H. Mark & Co., 69; The effect of size, growth, and industry on the financial structure of manufacturing companies, J. Finance, 8/69. Address: 324 Crosby Hall, School of Management, State University of New York at Buffalo, Buffalo, N.Y. 14214.
- GUPTA, DR. R. P. b. India, Apr. 1, 42; m. 64; c. 2. STATISTICS. B.S., Agra, 60, M.S., 62, Ph.D.(statist), Delhi, 65. Fel. STATIST. Delhi, 65-68; ASST. PROF., Florida, 68-68; DALHOUSIE, 68- Nat. Res. Coun. Can. grants, 68-

- 69, 69-70. *Am. Statist. Assn.*; *Can. Math. Cong.*; *India Statist. Assn.* Multivariate analysis; principal components analysis; derivation of Wishart and other distributions in complex cases. Address: Dept. of Mathematics, Dalhousie University, Halifax, N.S., Can.
- GUPTA, DR. ROGER, b. India, Apr. 24, 17; m. 66; c. 3. **ECONOMICS. FINANCE.** B.A., Panjab, W. Pakistan, 41; M.A., Panjab, India, 52; M.B.A., N.Y. Univ. 66; Ph.D. (econ.), Maryland, 58. Mgr. *The Times of India*, Delhi, 49-53; instr. econ. Bridgeport, 57-60; ASSOC. PROF. finance & mgt. Rochester Inst. Tech., 60-64; finance, Eastern Michigan, 64-68; MGT. & FINANCE, KENT STATE, 66. Econ. Assn. Business finance; macroeconomics; statistics; computer science. Publ. Electronic information processing 70 & Computer programming, 71. Macmillan; Foreign aid and trade of India, *Rivista Politica Economica*, 11/67. Address: Dept. of Management, Kent State University, Kent, Ohio 44240.
- GUPTA, DR. SHIV K. b. Sonapat, India, Apr. 15, 27; m. 63; c. 3. **MANAGEMENT. OPERATIONS RESEARCH.** B.A., Delhi, 47; M.A., 49; Ph.D. (oper. res.), Case Inst. Tech., 60. Lectr. math. St. Stephens Coll. Delhi, 49-52; sr. sci. asst. & jr. sci. officer, Defence Sci. Orgn. New Delhi, 52-57; asst. res. assoc. & asst. prof. Case Inst. Tech., 57-63; prof. Indian Inst. Mgt., Calcutta, 63-66; assoc. prof. STATIST. & OPER. RES. MGT. SCI. CENTRE, WHARTON SCH. PENNSYLVANIA, 66-70; PROF. 70. Vis. prof. Sussex, 69-70. Mem. res. adv. cmt. atira, India, 63-66. Oper. Res. Soc. Am.; Inst. Mgt. Sci.; Oper. Res. Soc. India. Long range planning; facility requirements and location; production and inventory control; sales; advertising and pricing strategy; investment decision; capacity expansion; replacement and maintenance logistics; operations research in education; industrial and government research in India. Publ. Co-auth. Scientific method, 62 & Mathematics for modern management, 63, Wiley; Robustness in sequential investment decisions, *Mgt. Sci.*, 68. Address: Dept. of Statistics & Operations Research, Wharton School, University of Pennsylvania, Philadelphia, Pa. 19104.
- GUROWITZ, DR. EDWARD M (ARTIN). **Physiological Psychology.** See Suppl. VI to 11th ed. Phys. & Biol. Vols.
- GURR, DR. TED (ROBERT). **Political Science.** See A-K Vol. 11th ed. Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, Dept. of Political Science, Northwestern University, Evanston, Ill. 60201.
- GURSLIN, DR. ORVILLE R. b. Middleport, N.Y. Oct. 8, 26; m. 50; c. 1. **SOCIOLOGY.** B.A., Buffalo, 50, M.S.S. 52, Ph.D. (sociol.), 61. Res. dir. SOCIOLOG. Buffalo Youth Bd, N.Y. 57-61; lectr. State Univ. N.Y. Buffalo, 61-62, asst. prof., 62-64; res. assoc. Voc. Guid. & Rehab. Serv. Cleveland, Ohio, 64-65; ASSOC. PROF. Connecticut, 65-67; OHIO, 67. Russell Sage Found. fel. 61-62; State Univ. N.Y. grant, summer 64. Helen L. DeRoy award, 60. U.S.A. 45-46. Sociol. Assn. Philos. Sci. Assn; Soc. Study Social Prob. Social stratification; criminology and delinquency; social pathology and industrial sociology. Publ. Co-auth. Social stratification in the United States, Prentice-Hall, 69, Social status and psychiatric service in a child guidance clinic, *Am. Sociol. Rev.*, 2/58 & Some issues in training the unemployed, *Soc. Probs.*, summer 64. Address: R.D. 1, Box 277, Guyssville, Ohio 45735.
- GUSTAD, PRES. JOHN W (LBERG). **Psychology.** See A-K Vol. 11th ed. Soc. & Behav. Vols. New position & address: Pres., 69-, Fort Hays Kansas State College, Hays, Kans. 67601.
- GUSTAV, PROF. ALICE. **Psychology.** See A-K Vol. 11th ed. Soc. & Behav. Vols. New position & address: Prof. Dept. of Psychology, Monmouth College, West Long Branch, N.J. 07764.
- GUSTAVUS, DR. SUSAN ORR, b. Ft. Monmouth, N.J. Apr. 15, 44; m. 68. **SOCIOLOGY.** B.A., Fla. State, 65, M.S. 66, Nat. Defense Ed. Act fel. 66-68, Ph.D. (sociol.), 68. Instr. SOCIOLOG., Fla. State, 68-70; ASST. PROF. UTAH, 70- Consult. U.S. Nat. Center for Health Statist., summer 69. Pop. Assn. Am.; Sociol. Assn. Demography, particularly fertility analysis. Publ. Co-auth. Population: the dynamics of demographic change, Houghton, (in prep); The true educational attainment of the U.S. population: 1910-1960, 68 & The formation and stability of ideal family size among young people, 2/70, Demography. Address: Dept. of Sociology, University of Utah, Salt Lake City, Utah 84112.
- GUTENBERG, PROF. ARTHUR W (WILLIAM). **Business Economics.** See A-K Vol. 11th ed. Soc. & Behav. Vols. New position: Prof. mgt. grad. sch. bus. admin. Southern California, 69. Address: 1428 Santa Margarita, Arcadia, Calif. 91006.
- GUTERMAN, DR. STANLEY S (ANFORD). **Sociology.** See A-K Vol. 11th ed. Soc. & Behav. Vols. New position & address: Asst. prof., 69-, Dept. of Sociology, Rutgers, The State University, New Brunswick, N.J. 08903.
- GUTH, PROF. WILLIAM D. b. St. Louis, Mo. Jan. 14, 33; m. 67. **BUSINESS MANAGEMENT.** B.S.B.A., Washington (St. Louis), 53; M.B.A., Indiana, 54; D.B.A., Harvard, 60. Asst. prof. BUS. POLICY, Harvard, 60-64, assoc. prof. 65-68; vis. prof. Carnegie-Mellon Univ., 64-65; PROF. COLUMBIA, 68. Lectr. Int. Bus. Mach. Corp., Gen. Elec. Co., Motorola, Inc., Olivetti Underwood Corp. & Univ. Bradford, 62- Consult. Boise Cascade, Dyad Sys., Inc., Imp. Chem. Indus., Ltd. & Ford Found., 68. Soc. Pub. Admin; Sociol. Assn; Soc. Appl. Anthropol; Inst. Mgt. Sci.; Acad. Mgt. Business policy. Publ. Co-auth. Business policy: text and cases, Irwin, rev. ed. 69; Personal values and corporate strategy, Harvard Bus. Rev. 5/65. Address: Columbia University, 105 Ursin Hall, New York, N.Y. 10027.
- GUTHRIE, PROF. GEORGE M (CROUER). **Psychology.** See A-K Vol. 11th ed. Soc. & Behav. Vols. Change of address: 514 Psychology Bldg, Pennsylvania State University, University Park, Pa. 16802.
- GUTHRIE, DR. GERALD DAVID, b. Portland, Ore. Jan. 9, 40; m. 60; c. 2. **PSYCHOLOGY.** B.S., Lewis & Clark Col. 62; M.S., Clark, 64, Ph.D. (psychol.), 66. ASST. PROF. PSYCHOL., Washington State, 67-69; PACIFIC UNIV., 69-Fel. child clin. psychol. med. center, Colorado, 66-67. Psychol. Assn. Cog-
- nitive development and style. Publ. Co-auth. Subliminal perception or perception of partial-cue with pictorial stimuli, *J. Personality & Soc. Psychol.*, Vol. 3, No. 6. Address: Dept. of Psychology, Pacific University, Forest Grove, Ore. 97116.
- GUTHRIE, PROF. HAROLD W (WOODSON). **Economics.** See A-K Vol. 11th ed. Soc. & Behav. Vols. New position & address: Sr. researcher, 69-, Urban Institute, 2100 M St. N.W., Washington, D.C. 20037.
- GUTHRIE, DR. JOHN T. b. Denver, Colo. June 9, 42; m. 65; c. 1. **EDUCATIONAL PSYCHOLOGY.** B.A., Earlham Col. 64; M.A., Illinois, 66, Ph.D. (ed. psychol.), 68. ASST. PROF. ED. PSYCHOL., HOPKINS & PROJ. DIR. CONCEPT LEARNING, CENTER FOR STUDY OF SOC. ORGN. SCI., 68. Hopkins Univ. faculty res. grant, 68-69. Psychol. Assn; Ed. Res. Assn. Concept formation; discovery learning; instructional technology; reading comprehension; feedback in verbal learning. Publ. Co-auth. Effects of some sequential manipulations on concept learning, *J. Exp. Psychol.*, 66; auth. Expository instruction versus a discovery method, *J. Ed. Psychol.*, 67 & The effect of two types of verbal hierarchy on problem solving, *J. Gen. Psychol.*, 70. Address: Dept. of Education, Johns Hopkins University, Baltimore, Md. 21218.
- GUTKIND, PROF. PETER C. W. **Anthropology.** See A-K Vol. 11th ed. Soc. & Behav. Vols. New position: Prof., 69-, Dept. of Anthropology, McGill University, Montreal 2, Que., Can.
- GUY, DR. MARJORIE. **Economics.** See A-K Vol. 11th ed. Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, West Georgia College, Carrollton, Ga. 30117.
- GUZMAN, DR. LOUIS E (RRIQUE). **Geography.** See A-K Vol. 11th ed. Soc. & Behav. Vols. Change of address: U.S. Agency for International Development, American Consulate, Recife, Brazil, APO New York 09676.
- GUZMAN-ARENAS, DR. ADOLFO. **Computer Science, Electrical Engineering.** See Suppl. VI to 11th ed. Phys. & Biol. Vols.
- GWALTNEY, DR. HENRY (OLIVER), JR. **Psychology.** See A-K Vol. 11th ed. Soc. & Behav. Vols. New position: V-pres. princ. resp. Psychol. Consult. Inc., 69. Address: 1114 West Ave., Richmond, Va. 23220.
- GWALTNEY, DR. JOHN L. b. Orange, N.J. Sept. 25, 28; m. 64; c. 2. **ANTHROPOLOGY.** B.A., Upsala Col. 52, John Hay Whitney fel. & M.A., New Sch. Soc. Res. 57; Nat. Insts. Health fel. & Ph.D. (anthrop.), Columbia, 67. Lectr. current affairs, Henry George Sch. Soc. & Polit. Sci., 58-59; ASSOC. PROF. ANTHROP. STATE UNIV. N.Y. COL. CORTLAND, 67- N.Y. State Joint Awards Coun.-Univ. Awards Cmt. fel. & grant in aid, 69. Participant, Am. Orthopsychiat. Assn. Conf. 69; seminar, Centre Int. Coop. Univ. Ottawa (Ont), 69. Fel. Anthropol. Assn; Ethnol. Soc. Soc. Appl. Anthropol. Race relations; stress studies; intermediate ethnicity; caste and caste-like political organization. Publ. The thrice shy, Columbia Univ., 70; The blind of San Pedro Yolo, *Am. Scholar*, winter 65-66. Address: Dept. of Sociology & Anthropology, State University of New York College at Cortland, Cortland, N.Y. 13845.
- GWYN, PROF. WILLIAM B (RENT). **Political Science.** See A-K Vol. 11th ed. Soc. & Behav. Vols. New position: Prof., 69-, Dept. of Political Science, Tulane University, New Orleans, La. 70118.
- GWYNNE-THOMAS, PROF. ERIC HUBERT, b. Swansea, Wales, Aug. 28, 17; m. 62; c. 1. **GEOGRAPHY, ANTHROPOLOGY.** B.A., Univ. Col. London, 39; dipl. pub. admin. London, 46; dipl. ed., Oxford, 47; Ed.D., Stanford, 65. Sr. master, sec. sch. U.K. 47-53; Her Majesty's inspector schs., Ministry Ed., 54-62; assoc. prof. ED. & GEOG., MISSOURI-KANSAS CITY, 65-69, PROF., 69. Exchange teacher, South Haven, Mich., 51-52. Secy. UNESCO Adv. Cmt. Wales, 58-62; mem. int. activities cmt., Nat. Coun. Soc. Studies, 66-69, ad hoc textbook cmt., 67-68. Assn. Am. Geog. Am. Geog. Soc. Am. Inst. Urban & Regional Affairs. Address: Dept. of Geography & Education, University of Missouri-Kansas City, 5100 Rockhill Rd., Kansas City, Mo. 64110.

## H

- HAAKENSON, DR. ROBERT H (OWARD). **Business Communication.** See A-K Vol. 11th ed. Soc. & Behav. Vols. New position: Assoc. dir. pub. rels., 69-, Smith Kline & French Labs, 1500 Spring Garden St., Philadelphia, Pa. 19101.
- HAAS, PROF. JAMES ANTHONY. **Philosophy.** See 5th ed. Dir. of Am. Scholars, Vol. IV, Philos. Relig. & Law.
- HAAS, DR. MICHAEL. **Political Science.** See A-K Vol. 11th ed. Soc. & Behav. Vols. Correction in address: Dept. of Political Science, 2500 Campus Rd., University of Hawaii, Honolulu, Hawaii 96822.
- HAAS, DR. RAYMOND M (MICHAEL). **Marketing, Business Administration.** See A-K Vol. 11th ed. Soc. & Behav. Vols. New information: Also asst. to pres., 68, West Virginia University, 100 Administration Bldg, Morgantown, W. Va. 26506.
- HABBE, DR. STEPHEN. **Psychology.** See A-K Vol. 11th ed. Soc. & Behav. Vols. New information: Retired, 69. Address: 38 Elgin St., Hamden, Conn. 06517.
- HABEL, PROF. SAMUEL TILDEN, b. Natural Bridge, Va. Oct. 20, 08; m. 32; c. 2. **SOCIOLOGY, PHILOSOPHY.** B.A., Richmond, 27; Th.M., South Theol. Sem., 30; Faculté Libre Theol. Protestante, Paris, France, 38; Ph.D., Edinburgh, 45; North Carolina, 58. Minister, W. End Baptist Church, Suffolk, Va. 40-48; Univ. Baptist Church, Univ. North Carolina, 48-58; res. church hist., 54; assoc. prof. soc. psychol., Ga. South. Col., 58-62, prof. philos. & sociol., 62-64, mem. grad. faculty & head dept. sociol. & philos., 63-64, res. grant sociol., 63; PROF. SOCIOLOG., MARSHALL, 64. Vis. prof. Purdue, 64; Kana-wha Valley Grad. Center, West Virginia Univ., 68. Sociol. Assn. Religion,



- church history; social psychology and pathology; cultural anthropology; social theory; marriage and the family. Publ: Baptists at Chapel Hill, Univ. Church, Chapel Hill, N.C. 54; The twelve apostles, Creighton, 57; The social scientist and emergent norms: a demonstration of suggested potential roles, J. Proc. W.Va. Acad. Sci., 67. Address: Dept. of Sociology, Marshall University, Huntington, W.Va. 25701.
- HABERER, DR. JOHN (FREDERICK).** Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. long range planning & orgn. Int. Bus. Mach. Can. Ltd, 69- Address: 285 St. Leonard's Ave, Toronto 12, Ont, Can.
- HABERLAND, DR. JOHN ANDREW.** Clinical Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Chief clin. psychologist, Orange County Med. Center, 69- Address: 1330 Victoria Dr, Apt. A, Fullerton, Calif. 92631.
- HABIB, NATHAN.** Economics, Geography. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Feature ed, Elephant's Roar, 69- Address: 11106 Eascrest Dr, Wheaton, Md. 20902.
- HACK, GEORGE (DONALD).** Geography, Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. bur. state planning & prog, 69-, Dept. of Community Affairs, Jefferson Bldg, Jefferson City, Mo. 65101.
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- rep. Cmn. Human Rights, 49-51; ment. health consult, D.C. DEPT. PUB. HEALTH, 57-64, RES. SOCIOLOGIST, 65- Acad. Cert. Soc. Workers; Group Psychother. Assn; fel. Sociol. Assn. Medical sociology, organization, structures and institutions; personality development; behavioral dynamics; uses of therapeutic relationship; intergroup relations including interpretation of cultural factors. Publ: The health education aides; training and performance, 69 & Study of the missed dental appointments by maternal and infant care patients, 70, D.C. Pub. Health Dept; An experiment in mental health consultation with the public schools of the District of Columbia, Proc. Cong. Int. Ment. Health, 62. Address: 2231 California St. N.W. Apt. 303, Washington, D.C. 20008.
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- HAINES, PROF. G(EOFF) H.** Economic Statistics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. Detroit Col. Bus. Address: 10844 La Salle Ave, Huntington Woods, Mich. 48070.
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- HANSELL, DR. NORRIS, b. Bryn Mawr, Pa., Dec. 20, 31; m. 55; c. 4. MANAGEMENT SCIENCE, PSYCHIATRY. B.A., Haverford Col., 53; M.D., Pennsylvania, 58; M.S. Hyg., Harvard, 64. Asst. dir. student ment. health serv., St. Joseph's Col. (Pa.), 62-64; zone dir., Ill. State Dept. Ment. Health, Rockford, 64-68; dir. poverty studies unit, lab. community psychiatrist, Harvard Med. Sch., 68-69; ASST. PROF. PSYCHIAT. & DR. CURRICULUM DEVELOP. DEPT. PSYCHIAT. MED. SCH. NORTHWESTERN, 69- Consult. dir. ment. health expediter curriculum, Northern Illinois, 64; consult. serv. design, H. Douglas Singer Zone Center, Rockford & Taunton State Hosp., Mass., 68-69; Psychiat. Asn. History of domestic social causality management; comparative analysis of human social services territorial organization. Publ. Patient predicament and clinical service, a system, 8/67, Casualty management method: an aspect of mental health technology in transition, 9/68; Decision counseling method: expanding coping at crisis-in-transit, 5/70, Arch. Gen. Psychiat. Address: Dept. of Psychiatry, Northwestern University Medical School, 303 E. Chicago Ave., Chicago, Ill. 60611.
- HANSEN, DR. DUNCAN (NEWELL), b. Chicago, Ill., Aug. 22, 30; m. 61; c. 5. PSYCHOLOGY, EDUCATION. B.A., Chicago, 50; B.S., Washington (St. Louis), 52, M.S. 53; Ph.D. (ed. psychol.), Stanford, 64. Teacher, Red Bud Community Sch., 54-55; instr. lab. sch., Univ. Chicago, 56-59; teaching asst., Stanford, 61-62; res. assoc. inst. math. studies in soc. sci., 62-66; instr. sch. ed., 64-66; DIR. COMPUTER-ASST. INSTR. CENTER, FLA. STATE, 66- Consult. Oakland Pub. Schs., Calif., 64-66; U.S. Off. Ed. conf. learning & ed. process, summer 65; Gov. Conf. Ed., Fla., 66. Psychol. Asn. Ed. Res. Asn. Computer-assisted instruction; reading and psycholinguistics; mathematical models of learning. Publ. Co-auth. Applications and problems in elementary statistics, Wadsworth, 63 & Computer-assisted instruction in reading, Reading Res. Quart., fall 66; auth. Computer-assisted instruction and the individualization process, J. Sch. Psychol., spring 68. Address: Computer-Assisted Instruction Center, 1A Tully Bldg., Florida State University, Tallahassee, Fla. 32306.
- HANSEN, DR. EDWARD CHARLES, b. Ann Arbor, Mich., Feb. 27, 40; m. 62; c. 2. ANTHROPOLOGY. B.A., Michigan, 61, M.A., 64, Nat. Defense For. Lang. fel., 64-68, Ph.D. (anthrop.), 69. ASST. PROF. ANTHROPOLOGY, QUEENS COL. (N.Y.), 68. City Univ. New York summer res. grant, 69. Anthropol. Asn. Anthropology of underdeveloped nations; peasant society and culture; Latin American and Spanish ethnology. Publ. Co-auth. Caudillo politics: a structural analysis, Comp. Stud. in Soc. & Hist., 1/67; auth. The state and the land tenure in rural Catalonia Spain, Anthropol. Quart., 7/69. Address: Dept. of Anthropology, Queens College, Flushing, N.Y. 11367.
- HANSEN, DR. GEORGE ERIC. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 69-, Dept. of Political Science, Haverford College, Haverford, Pa. 19041.
- HANSEN, DR. HUGH (GROVES), b. Chico, Calif., Aug. 25, 17; m. 43; c. 2. ECONOMICS. B.S., M.P.A., Michigan, 48; M.A., Michigan, 48; Haynes Found. fel., 52-53; Ph.D. (econ.), California, 55. Economist, Off. Price Admin., Calif., 51-52; res. analyst, bur. pub. admin., California, 53-54; asst. prof. econ., North Dakota, 54-55; Iowa, 55-58; chief, U.S. Census Irrigation, 58-59; economist, regional econ. develop., Orgn. Am. States, Argentina, 59-60; vis. assoc. prof., ECON. CORNELL, 60-61; ASSOC. PROF., Colorado, 61-64; WYOMING, 64- Comparative economic systems; economic development and water resources; employment theory and policy. Publ. Central Valley Project, federal or state? Address: Dept. of Economics, University of Wyoming, Laramie, Wyo. 82070.
- HANSEN, MORRIS (HOWARD). Statistics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Retired, U.S. Bur. Census; sr. staff adv., Westat Res. Inc., 68- Address: Westat Research Inc., 7979 Old Georgetown Rd., Bethesda, Md. 20014.
- HANSEN, DR. NILES (MAURICE). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. econ. & dir., 69-, Center for Economic Development, University of Texas, BEB 413, Austin, Tex. 78712.
- HANSLOWE, PROF. KURT L. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- HANSON, PROF. DAVID P. b. Brooklyn, N.Y., July 6, 30; m. 56; c. 2. EDUCATIONAL PSYCHOLOGY. A.B., Hope Col., 53; M.Ed., Springfield Col., 56; Alumni Assn. scholar, & D.Ed. (sch. psychol.), Rutgers, 65. Teacher, N.Y., 58-58; sch. psychologist, Westfield, N.J., 60-62; sch. psychologist & dir. child study, Ridgefield, 62-67; assoc. prof. PSYCHOL., EDINBORO STATE COL., 67-68, PROF. 68- Co-adj. staff, Rutgers & St. Peter's Col., 68; Jersey City State Col., 67. Consult. psychol. lab., Stevens Inst. Tech., 67; Erie Guid. Center, Pa., 68- U.S.A., 59-55. Psychol. Asn.; Comm. Expt. Children. School psychology; administration of child study services including consulting psychiatry, social work, special education, guidance, speech therapy, and remedial reading; training programs for school psychologists; special education services for handicapped; psychological testing. Address: Dept. of Psychology, Edinboro State College, Edinboro, Pa. 16412.
- HANSON, DR. JAMES W (WARREN). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Dir., 68-, Esso S.A.P.A., Av. Roque Saenz Pena 567, Buenos Aires, Argentina.
- HANSON, DR. JOHN (ANDREW). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: V. pres. & treas., 69-, Man-Tech, Inc., 22 Woburn St., Reading, Mass. 01867.
- HANSON, PROF. MORGAN. Operations Research, Statistics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- HANTEN, PROF. EDWARD W. b. White Lake, S. Dak., Feb. 12, 18; m. 41. URBAN STUDIES, GEOGRAPHY. B.A., Earlham Col., 53; Pa. State, 54-55; M.A., Pittsburgh, 58, Ph.D. (urban geog.), 62. Instr. urban geog., Pittsburgh, 59-60; res. assoc. urban fiscal develop., Pa. Econ. League, 60-63; asst. prof. urban geog., AKRON, 63-65, assoc. prof. geog. & urban studies, 65-67, PROF. GEOG. & URBAN STUDIES & HEAD DEPT. URBAN STUDIES, 67-, DIR. CENTER URBAN STUDIES, 65- Independent consult. urban development, 58- Regional Sci. Asn.; Asn. Am. Geog. Urban fiscal development and local tax policy; environmental pollution and its impact on the urban social structure. Address: Dept. of Urban Studies, University of Akron, Akron, Ohio 44304.
- HANTZ, PROF. HAROLD D (ONOVAN). Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- HANUSHEK, CAPT. ERIC A. U.S.A.F. b. Lakewood, Ohio, May 22, 43; m. 65; c. 1. ECONOMICS. B.S., U.S. Air Force Acad., 65; Ph.D. (econ.), Mass. Inst. Tech., 68. U.S. AIR FORCE, 61-, ASST. PROF. ECON., U.S. AIR FORCE ACAD., 68- Econ. consult., Rand Corp., 69- Econ. Asn.; Economet. Soc.; Statist. Asn. Econometrics; urban economics; human resources. Address: Dept. of Economics, U.S. Air Force Academy, Colo. 80840.
- HANVICK, DR. LEO J. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Dir., Washburn Child Guid. Center, 68- Address: 901 Utah Ave. S., Minneapolis, Minn. 55426.
- HAQUE, ABU SAEED ZAHURUL. Folklore, Comparative Literature. See Suppl. I to 5th ed, Dir. Am. Scholars.
- HARARI, DR. CARMEL. Clinical Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Mem. faculty, teachers col., Columbia & Queens Col. Address: 285 Central Park W., New York, N.Y. 10024.
- HARBESON, DR. JOHN W. b. New Brunswick, N.J., Sept. 14, 38; m. 63. POLITICAL SCIENCE. A.B., Swarthmore Col., 60; M.A., Chicago, 62; fel. East Africa, 66-67; Ph.D. (polit. sci.), Wisconsin, 70. ASST. PROF. POLIT. SCI., WISCONSIN-PARKSIDE, 67- Polit. Sci. Asn.; African Studies Asn. Politics of new nations; empirical theory; theories of modernization; Africa; rural modernization. Publ. Land resettlement and political development, 66 & Land resettlement and development strategy, 67, Inst. Develop. Studies. Address: Dept. of Political Science, University of Wisconsin-Parkside, Kenosha, Wis. 53140.
- HARDBECK, DEAN GEORGE W. Labor Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Dean, col. bus. admin., Creighton, 68- Address: 4225 Terrace Dr., Omaha, Nebr. 68134.
- HARDER, DR. K. PETER, b. Steinau, Germany, Apr. 22, 40; U.S. citizen; m. 64. ECONOMICS, ECONOMIC HISTORY. B.A., Puget Sound, 63; Nat. Defense Ed. Act fel., Nebraska, 63-66, M.A., 66, Ph.D. (econ.), 68. ASST. PROF. ECON., WICHITA STATE, 67- Am. Econ. Asn.; Econ. Hist. Asn.; Brit. Econ. Hist. Soc.; Bus. Hist. Asn. Economic history of the United States and Europe; history of economic thought. Publ. Major factors in business formation and development, Nebr. J. Econ., & Bus., summer 69 & Papers Bus. Hist. Conf., 69. Address: Dept. of Economics, Wichita State University, Wichita, Kans. 67208.
- HARDE, DR. IAN W. Agricultural Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 69-, Dept. of Agricultural Economics, University of Maryland, College Park, Md. 20740.
- HARDIN, DR. RECTOR R (OEMILT). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Dir., 69-, Division of Business & Economics, Gardner-Webb College, Box 893, Boiling Springs, N.C. 28017.
- HARDISON, DR. RICHARD C. b. Charleston, S.C., 22; m. 49. PSYCHOLOGY, PHILOSOPHY. A.B., Occidental Col., 48, M.A., 49; Ed. D. (ed. psychol.), Southern California, 61. PROF. PSYCHOL. & PHILLOS., GLENDALE COL., 49- Vis. scholar, California, Irvine, 68-69. Psychol. Asn. Errors of testing and analysis in college reading improvement programs. Address: 204 Table Rock, South Laguna, Calif. 92677.
- HARDMAN-de-BAUTISTA, DR. M. J. b. Salt Lake, Utah, Oct. 8, 35; m. 62; c. 2. LINGUISTICS, ANTHROPOLOGY. B.A., Utah, 55; M.A., New Mexico, 57; Fulbright scholar, San Marcos Univ., Lima, 58-59; Ph.D. (ling. Spanish), Stanford, 63. Instr. English, San Marcos Univ., Lima, 58; ling. Cornell,

- 61-63; asst. prof. Spanish & ling. Santa Clara, 63-65; dir. Nat. Inst. Ling. Studies, La Paz, Bolivia, 65-69; prof. ling. La Paz, 65-67; ASSOC. PROF. ANTHROP. FLORIDA, 67- Trainer Peace Corps, Quechua area, California, Los Angeles, 63; Nat. Sci. Found. res. grant, 64; Fulbright lectureships, Bolivia, 65-67; travel grant, participant & del. PILEI, Mexico City, Mex, 68; Phillips Fund grant, Am. Philos. Soc, 68; Ford Latin Am. Studies grant, Indiana, 68; Nat. Defense Ed. Act. contract, 69-70; summers, asst. coordinator, Quechua prog, Cornell, 62, res. appointment, Florida, 69. Anthrop. Asn; Ling. Soc. Asn; Asn. Comput. Ling; Int. Ling. Asn. Preparation of Aymara materials for teaching Aymara to English or Spanish speakers; preparation of basic grammatical description of Aymara; comparative research in Jaqi languages towards reconstruction of Proto-Jaqi; computerized comparative dictionary of Andean languages, primarily Jaqian. Publ: Jagaru: outline of phonological and morphological structure, Mouton, 66; Consonantal conditioning of the distribution of vowel allophones in Jagaru, Sphinx, 61; Sistema fonémico del Jagaru, Rev. del Museo Nacional, 63. Address: Dept. of Anthropology, University of Florida, Gainesville, Fla. 32601.
- HARDY, PROF. J. GARRICK, b. Mobile, Ala, Nov. 16, 19; m. 39; c. 1. SOCIOLOGY, EDUCATION. B.S. Ala. State Col, 32; M.S. Iowa State Col, 33; Ph.D. (sociol.), Wisconsin, Madison, 46. Teacher & asst. prin. high sch, Ala, 33-34; dir. summer sch. & coach, ALABAMA STATE, 34-42, prin. 42-43, dean jr. col, 46-51, dean freshman col, 51-61, dir. student personnel, 61-63, PROF. SOCIOL. & HEAD DEPT., 63-, gen. alumni secy, 36-42, coach debating team, 46-55, dir. pub. rels, 47-63. Rep. White House Conf. Minority Contracts, 63; mem. ex. com. Rehab. Res. Found. 68-70; mem. ex. bd, Montgomery Chap, Nat. Found. rep. White House Conf. Ed; mem. President's Cmt. Prevention & Control Juvenile Delinquency. Fel. Sociol. Asn; fel. Soc. Appl. Anthrop; Coun. on Ed; Asn. Higher Ed. Asn. Soc. & Behav. Scientists. Treatment and rehabilitation of juvenile delinquents in state juvenile institutions; attitude studies of college students regarding the present education programs, especially in lower under-graduate division; study of marriage and family relations as indicated or evidenced in culturally depressed groups. Publ: Freshman Handbook for Alabama State, 47-60 & Pilot (student handbook), 61, Alabama State Univ; Bulletin and newsletters, Ala. State Teachers Assn, 55-58. Address: Dept. of Sociology, Alabama State University, Montgomery, Ala. 36106.
- HARE, DR. ROBERT DOUGLAS, b. Calgary, Alta, Sept. 26, 34; m. 59; c. 1. EXPERIMENTAL PSYCHOLOGY. B.A. Alberta, 58, M.A. 60; Ph.D. (psychol.), Western Ontario, 63. Asst. prof. PSYCHOL, BRITISH COLUMBIA, 63-67, ASSOC. PROF, 67- Res. consult, Matsqui Drug Addiction Inst, 68- Can. Ment. Health Assn. res. award, 69. Psychol. Asn. Human psychophysiology; experimental studies of psychopathy; human learning; Psychopathology: theory and research, Wiley, 70; Psychopathy, autonomic functioning, and the orienting response, J. Abnorm. Psychol. Monogr. Suppl, 68; co-auth. Autonomic responses to affective visual stimulation, Psychophysiology, (in press). Address: Dept. of Psychology, University of British Columbia, Vancouver 8, B.C., Can.
- HARGREAVES, DR. LEON ABRAHAM, JR. Forest Management. See H-K Vol, 11th ed, Phys. & Biol. Vols.
- HARGROVE, DEAN MERWIN M(ATTHEW). Business Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Trustees prof, 68- College of Business Administration, University of Tulsa, Tulsa, Okla. 74104.
- HARING, PROF. PHILIP S(MYTH). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. polit. sci. Knox Col.(Ill). New publ: Political morality, Schenckman, 70. Address: 30 Hillcrest Dr, Galesburg, Ill. 61401.
- HARING, PROF. ROBERT C(HARLES). Marketing, Resource Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Coordinator grad. studies, 69-, College of Business, University of Arkansas, Fayetteville, Ark. 72701.
- HARKNESS, DR. JAMES P(PERRY). Sociology, Medical Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dep. coordinator, 68-, New Jersey Regional Medical Program, 88 Ross St, East Orange, N.J. 07018.
- HARLAN, DR. REGINALD KELSEY, b. Floydada, Tex, May 23, 18; m. 47. AGRICULTURAL ECONOMICS. B.S. Tex. Tech. Col, 49, M.S. 54; Ph.D. (agr. econ), Ohio State, 61. Gen. mgr. Consumers Fuel Assn, Tex, 48-47; instr. N.Mex. State Dept. Ed, 49-51; exec. secy, Farm Bur, Lea County, N.Mex, 52-53, Chaves County, 53-54; teacher high sch, Tex, 54-56; exten. economist, Univ. Arkansas, 61-63; assoc. prof. agr. econ, Univ. Wyo. Term, Kabul Univ, Afghanistan, 63-66, prof, 66-68; ASSOC. PROF. AGR. & RESOURCE ECON, MAINE, 68- U.S.N. 40-45, Res. 45-65, Lt. Agr. Econ. Asn. Agricultural production, marketing, policy, credit, and development; costs and returns and efficiency analysis of potato production in Maine. Publ: Export program, drought, soil bank boost prices for Ohio Farmers, State Ext. Serv, Ohio, 56-61; Summary analysis of farm business records, 1962, Univ. Agr. Exten. Serv, 63; co-auth. The economics of grape production and marketing in the Koh Daman Valley, Afghanistan, Kabul Univ. Faculty Agr. Kabul, Afghanistan, 11/67. Address: Winslow Hall, University of Maine, Orono, Maine 04473.
- HARLES, DR. JAMES DEAN, b. Birmingham, Ala, Oct. 3, 31; m. 49; c. 2. MASS COMMUNICATIONS, JOURNALISM. B.A. Samford, 57; M.A. Alabama, 58; Ph.D. (mass commun), Iowa, 67. Instr. English & journalism, Wis. State, River Falls, 58-64, asst. prof. JOURNALISM, 64-67, assoc. prof, 67; asst. prof, Alabama, 67-69; ASSOC. PROF. OHIO STATE, 69. U.S.N. 51-54. Asn. Ed. in Journalism. Communications: popular arts effects. Address: Dept. of Journalism, Ohio State University, Columbus, Ohio 43210.
- HARMAN, DR. ROBERT C, b. Los Angeles, Calif, July 24, 36; m. 67; c. 1. ANTHROPOLOGY. B.A. California, Santa Barbara, 62; M.A. Arizona, 64. Nat. Inst. Ment. Health fel, 67-69, Ph.D. (anthrop), 69. ASST. PROF. ANTHROP, CALIF. STATE COL. LONG BEACH, 70. U.S.A. 55. Ethnol. Soc; Soc. Appl. Anthrop; fel. Anthrop. Asn. Publ: Change in a Navajo Ceremonial, El Palacio, spring 64; La medicina preventiva en una comunidad india de los altos de Chiapas, Mexico, Anuario Indigenista, 12/69. Address: Dept. of Anthropology, California State College at Long Beach, Long Beach, Calif. 90801.
- HARMON, DR. LINDSEY R(ICHARD). Personnel Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1201 N. Illinois St, Arlington, Va. 22205.
- HARMON, PROF. M(ONT) JUDD. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1252 Sumac Dr, Logan, Utah 84321.
- HARMS, DR. L. STANLEY, b. Spink County, S.Dak, Dec. 3, 28; m. 66; c. 3. SPEECH, COMMUNICATION. B.A. Florida, 55; M.A. Ohio State, 57, Ph.D. (speech-commun), 59. Asst. prof. speech, La State, 59-62; ASSOC. PROF. SPEECH-COMMUN, Kansas, 62-65; HAWAII, 65- Sr. specialist, East-West Center, Honolulu, 65-66. U.S.A. 47-50. Speech Asn; Int. Commun. Asn. Two-person intercultural interchange in face-to-face communication between dissimilar persons; two person learning systems in the area of speech-communication. Publ: Phonetic transcription, Scott, 64; co-auth. Speech-communication learning systems, Int. Learning Sys., 70 & International studies of national speech-education systems, Burgess, 70. Address: Dept. of Speech-Communication, University of Hawaii, Honolulu, Hawaii 96822.
- HARNED, DR. LOUISE. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Soc. sci. res. analyst, U.S. Dept. Labor, 69- Address: 1100 Sixth St. S.W., Washington, D.C. 20024.
- HARONIAN, DR. FRANK (JOHN, JR.). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: V-pres, Psychosynthesis Res. Found. N.Y., 69- Address: 2807 Princeton Pike, Trenton, N.J. 08638.
- HARPER, DR. F(LOYD) (ARTHUR). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Institute for Humane Studies, Inc. 1134 Crane St, Menlo Park, Calif. 94025.
- HARPER, DR. PAUL FREDERICK, b. Ingram, Pa. Oct. 26, 29; m. 58. POLITICAL SCIENCE. B.A. Pittsburgh, 60; Nat. Defense For. Lang. fel, Cornell, 60-62, Ford Found. For. Area fel, 62-63, London-Cornell Prof. fel, 64-66. Ph.D. (polit. sci), 69. Instr. POLIT. SCI. HOFSTRA, 66-68, ASST. PROF. 69- U.S.A. F. 51-55. Polit. Sci. Asn; Asn. Asian Studies. Role of trade unions in Communist China's political system. Publ: The party and the unions in Communist China, China Quart, 1-3/69; Cultivation of workers for leadership in Communist China, In: The city in Communist China, Stanford, (in press). Address: Dept. of Political Science, Hofstra University, Hempstead, N.Y. 11550.
- HARRELL, PROF. LESTER EDWARD, JR. Developmental Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Dir. 69- Office of Institutional Studies, University of Texas at Austin, Will C. Hogg Bldg. 101. P.O. Box 7518, Austin, Tex. 78712.
- HARRIGAN, DR. JOHN E, b. Elizabeth, N.J. Nov. 11, 34; m. 60; c. 2. EXPERIMENTAL PSYCHOLOGY, HUMAN FACTORS ENGINEERING. Publ: California, Berkeley, 59; Ph.D. (exp. psychol), Colorado State, 66. Supvr. human eng. space div, Chrysler Corp, 64-65; asst. prof. psychol, Washington State, 66-68; prob. mgr. human factors, Naval Electronics Lab. Center, San Diego, Calif. 68-69; ASSOC. PROF. PSYCHOL, CALIF. STATE POLYTECH. COL, SAN LUIS OBISPO, 69- Prin. scientist, Booz-Allen Appl. Res. Inc, 69- U.S.N. 52-55. Psychol. Asn; Human Factors Soc. (ed. Human Factors Bull, 68-); Opers. Res. Soc. Am. Psychology for application within engineering, city planning and architectural endeavors; cybernetics and theoretical model building. Publ: Co-auth. S-R and R-S acquisition as a function of meaningfulness, 67 & The effect of CPZ on survival motivated escape response, 68, Psychonomic Sci; auth. CIC effectiveness measurement by means of computerized simulation, Dept. of Navy, 6/69. Address: Dept. of Psychology, California State Polytechnic College, San Luis Obispo, Calif. 93401.
- HARRINGTON, DR. CHARLES CHRISTOPHER, b. New York, N.Y. Jan. 14, 42; m. 62; c. 2. ANTHROPOLOGY. A.B. Syracuse 62; Ph.D. (soc. anthrop), Harvard, 68. Res. assoc. anthrop. ment. health res. unit, N.Y. State Dept. Ment. Hygiene, 65-67; ASST. PROF. ANTHROP. & ED, TEACHERS COL, COLUMBIA, 67- AAAS; fel. Anthrop. Asn; fel. Soc. Applied Anthrop; Sociol. Asn; Soc. Psychol. Study Social Issues. Psychological and social anthropology; socialization; political socialization; sex role socialization. Publ: Errors in sex-role behavior in teen age boys, Teachers Col, 70; co-auth. The learning of political behavior, Scott, 70 & Clergymen as counselor, Am. J. Sociol, 63. Address: Box 95, Teachers College, Columbia University, New York, N.Y. 10027.
- HARRINGTON, PROF. D(AVID) N(OBLES). Agricultural Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Agr. economist, prod. resources br, Econ. Res. Serv. U.S. Dept. Agr, Wash, D.C. 69- Address: 9305 Nester Rd, Fairfax, Va. 22030.
- HARRINGTON, DR. ROBERT WILLARD. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: V-pres, Data Dynamics, Inc. Arlington, 69- Address: 11763 N. Shore Dr, Reston, Va. 22070.
- HARRIS, DR. ALBERT J(OSIAH). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. prof, City Univ. N.Y. 68- Address: 345 E. Grand St, Mt. Vernon, N.Y. 10552.
- HARRIS, DR. CHARLES STANLEY, b. Syracuse, N.Y. Nov. 25, 41; m. 65; c. 1. SOCIOLOGY. B.A. Syracuse, 63; M.A. Duke, 65; Nat. Inst. Ment. Health fel, 65-67, fel. 66-67, Nat. Sci. Found. fel. & Ph.D. (sociol), 67. Asst. SOCIOL, Duke, 63-65; ASST. PROF. GEORGE WASHINGTON, 67- Consult, N.C. Fund. 66; B. Res. Mgt. Corp. 68. Social Asn. Work and leisure relationships; occupational career patterning; social correlates of retirement; organizational



- stress; occupational ideologies. Publ: Occupational correlates of associational participation, Sociol. Symp., spring 69. Address: Dept. of Sociology, George Washington University, Washington, D.C. 20006.
- HARRIS, PROF. CHARLES W. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Dir. grad. studies, Coppin State Col., 70-Address: 4103 Fernhill Ave, Baltimore, Md. 21215.
- HARRIS, DR. DEAN A. b. Flint, Mich., Mar. 31, 30. AUDIOLOGY. B.A., Michigan, 52, M.S., 53; Ph.D. (audiol.), Oklahoma, 61. Therapist, Brooke Army Hosp., San Antonio, Tex. 53-54; audiologist, Walter Reed Army Hosp., D.C., 54-55; private practice, Dallas, Tex. 55-57; med. center, Univ. Oklahoma, 57-60; chief audiol. & speech path. Vet. Admin. Hosp., Dallas, 60-65; ASSOC. PROF. AUDIOL. SOUTHERN METHODIST, 65- Instr. North Texas State, 56-57; assoc. dir. audiol. Callier Hearing & Speech Center, Dallas, 65-; vis. summer lectr., Texas Woman's Univ., 64. Speech & hearing consult., Oasis Shrine Children's Clin., 61- U.S.A., 53-55; Res. 63-65, Capt. Speech & Hearing Assn. Nonorganic hearing loss; hearing aids; audiometric technique; speech transmission systems. Address: Dept. of Audiology, Southern Methodist University, Dallas, Tex. 75222.
- HARRIS, DR. DOUGLAS H (ERSHEL). Psychology. Statistics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Post. scientist, Annapolis Sci. Inc., Santa Barbara, 69- Address: 7148 Armstrong Rd, Goleta, Calif. 93017.
- HARRIS, DR. GEORGE L (AWRENCE). b. Spokane, Wash. Nov. 13, 10. 41. CULTURAL ANTHROPOLOGY. B.A., Washington (Seattle), 40; Ph.D. (anthrop.) Catholic Univ., Wash. D.C., 45; for. serv. reserve officer, U.S. Embassy, Nanking & exec. secy. & dir. U.S. E. Found. in China, 47-49; dep. officer in charge, pub. affairs staff, Bur. Far East Affairs, U.S. Dept. State, 50-53; res. assoc. anthrop. Spec. Oper. Res. Off. For. Areas Studies Div., AMERICAN UNIV., 55-64, ASSOC. PROF. CULTURAL ANTHROP. & FAR EAST. STUDIES, SCH. INT. SERV., 64- Ford Found. res. grant admin. by Sch. Int. Serv., 67-68. Mil. Intel. Serv., 42-46, Capt. Anthropol. Assn; Soc. Appl. Anthropol. Assn. Asian Studies. Complex societies; ethnobiology; culture contact and change; the Far East, particularly China. Publ: Co-auth. Jordan: its people, its society, its culture, Human Rels. Area Files, 58; Japan, U.S. Govt. Printing Off., 61; auth. The Mission of Matteo Ricci, S.J.: a case study of an effort at guided cultural change in China in the sixteenth century, Monumenta Serica, Vol. XXV, 1-168. Address: School of International Service, American University, Massachusetts & Nebraska Ave, Washington, D.C. 20016.
- HARRIS, DR. JANICE WINIFRED (MRS. REX D. HOPPER). Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Sr. res. scientist, Human Sci. Res. Inc., McLean, Va., 69- Address: 824 25th St. N.W., Washington, D.C. 20037.
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- HARRIS, DR. PHILIP ROBERT, b. Brooklyn, N.Y., Jan. 22, 26; m. 65. BEHAVIORAL SCIENCE, MANAGEMENT PSYCHOLOGY. B.B.A., St. John's, 49; M.S., Fordham, 52, Ph.D. (psychol.), 56. Guid. dir. St. Francis Prep. Sch., N.Y., 54-56; v-pres. develop. & student personnel serv., St. Francis Col. (N.Y.), 56-64; exec. dir. leadership training, Assn. Human Emergence, Inc., 61, 64-66; res. assoc. behav. sci., Leadership Resources, Inc., D.C. 66-70; V.PRES. & DIR. MGT. & ORGN. DEVELOP. DIV., COPELEY INT. CORP., 70-Bur. Ment. Health, U.S. Dept. Health, Ed. & Welfare grant, 58-60; U.S. State Dept. grant & Fulbright prof., U.S. E. Found. India & lectr., Japan, Africa, & Latin Am. 62-63; Nat. Training Labs. Inst. Appl. Behav. Sci. Scholar, 65; vis. prof. counsr. ed. sch. ed. Pa. State, 65-66. Consult. U.S. OM. Ed. 67-68; psychol. consult. pub. bus. & govt. serv. Temple, 67-69; consult. various private & pub. agencies. Soc. Training & Development; Psychol. Assn. Mgt. Assn. Acad. Mgt. World Future Soc. Counseling psychology, especially group process leadership and management training; the future of man. Publ: Co-auth. It's your education, it's your personality, it's your life, it's your future, Harcourt, 54-67; Asian & Japanese eds, 62. Address: 1219 Coast Blvd, La Jolla, Calif. 92037.
- HARRIS, DR. RICHARD J (EROME). b. Vicksburg, Miss., May 17, 40. m. 65; c. 2. PSYCHOLOGY. B.S., Wisconsin, 63; M.A., Stanford, 66; Ph.D. (psychol.), 68. Instr. psychol. & sociol., Talladega Col., 65-66; res. assoc. PSYCHOL. behav. res. lab., Palo Alto Vet. Admin. Hosp., Calif., 67-68; ASST. PROF. NEW MEXICO, 68- Lectr. sr. honors seminar, Stanford, 68; Nat. Insts. Health grant, 68- Psychol. Assn. Post-decision attitude change; experimental games. Publ: Deterministic nature of probabilistic choices among identifiable stimuli, J. Exp. Psychol., 79: 552-560, Dissimilarity or four grapes? post-decision changes in ratings and choice frequencies, J. Personality & Soc. Psychol., 11: 334-344; Note on optimal policies for the prisoner's dilemma, Psychol. Rev., 76: 353-375. Address: Dept. of Psychology, University of New Mexico, Albuquerque, N.Mex. 87106.
- HARRIS, PROF. ROBERT E. G., b. Bloomington, Ind., Apr. 3, 03; m. 25; c. 1. SOCIAL SCIENCES, COMMUNICATIONS. A.B., Indiana, 25, M.A., 26; Yale, 26-27; Southern California, 28-29. Instr. Eng. & French, Bucknell, 25-26; Col. Prep. Sch., Conn., 26-27; Eng. & journalism, Los Angeles City Col., 29-42; ed. Los Angeles Daily News, 45-50; PROF. JOURNALISM, CALIFORNIA, LOS ANGELES, 50-, chm. dept. 55-60. Ed. columnist, Los Angeles Times, 50-53; U.S. State Dept. specialist, Turkey & Iran, 59; Del Amo Found. fel., Spain, 60, ed-in-chief, Capricorn TV Enterprise, 62; guest lectr., Japanese Univs. 68; guest prof. inst. journalism, Vienna, 70. Ed. consult. Frontier, 49-59; consult. White House, Wash. D.C. 52. U.S.N.R., 42-44, Lt. Spanish press; Vienna postwar press. Publ: The press in an authoritarian state, 83, The Spanish press in transition, 66 & What Vienna's editors think, 69, Univ. California, Los Angeles. Address: 1413 Thayer Ave, Los Angeles, Calif. 90024.
- HARRIS, PROF. ROBERT J (ENNINGS). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: James Hart prof. govt. & prof. hist., 68-, University of Virginia, 252 Cabell Hall, Charlottesville, Va. 22903.
- HARRIS, DR. ROY DUANE, b. Palestine, Tex., Dec. 4, 34; m. 60; c. 2. BUSINESS ADMINISTRATION, OPERATIONS MANAGEMENT. B.S.M.E., Texas, 58, M.S.M.E., 60; Ph.D. (oper. mgt.), California, 65. Instr. mech. eng., TEXAS, AUSTIN, 60, asst. prof. MGT., 65-68, ASSOC. PROF., 68- Res. eng., California, Los Angeles, 65; summers, asst. to dir. Mfg. Revell, Inc., Calif., 61, asst. to v-pres., Eldon Indust., Inc., 62, asst. to mgr., Librascope Div., Gen. Precision, Inc., 63. Consult. to mgr. Mfg., Interstate Electronic Corp., Calif., 65; consult. Susan Crane Packaging, Inc., Tex., 69; Manned Spacecraft Center, 65-68; Instr. Mgt. Sci. Ind. Indust. Eng. Cost effectiveness analysis; jobshop scheduling; program management. Publ: An empirical investigation and model proposal of a jobshop like queuing system, West. Mgt. Sci. Inst., Univ. Calif., Los Angeles, 8/65; A cost-effectiveness model to facilities layout, J. Indust. Eng., 6/67; A feasibility study in time-sharing management gaming, Grad. Sch. Bus. Univ. Tex., 11/67. Address: Dept. of Management, University of Texas at Austin, Austin, Tex. 78712.
- HARRIS, DR. SANDRA L (EE), b. Seattle, Wash., Apr. 15, 42. PSYCHOLOGY. B.A., Maryland, 64; Ph.D. (clin. psychol.), State Univ. N.Y., Buffalo, 70. Psychol. intern. St. Elizabeths Hosp., 66-67; psychol. clin. State Univ. N.Y., Buffalo, 67-68; field assessment officer, Peace Corps, 68; teaching assoc. psychiatrist, E. Meyer Hosp., 68-69, ASST. PROF. PSYCHOL., DOUGLASS COL., RUTGERS, 69- Clinical psychology; psychotherapy; experimenter and subject variables. Publ: Co-auth. Sexual aspects of Rorschach administration, 69 & Sexual aspects of TAT administration, 70, J. Consult. & Clin. Psychol.; Stimulus intensity dynamism and the matching principle, J. Exp. Psychol., 70. Address: Dept. of Psychology, Douglass College, Rutgers, The State University, New Brunswick, N.J. 08903.
- HARRIS, DR. THOMAS M, b. Hong Kong, China, Apr. 19, 36; U.S. citizen; m. 67; c. 1. SOCIAL PSYCHOLOGY. Ph.D. (soc. psychol.), Columbia, 66. Vol. U.S. Peace Corps, Keta, Ghana, 62; Ph.D. instr. PSYCHOL., Bloomfield Col., 65-68; asst. prof. WIS. STATE, LA CROSSE, 66-68, ASSOC. PROF., 68- Psychol. Assn. Attitude measurement and change; group dynamics; personality development. Address: Dept. of Psychology, Wisconsin State University, La Crosse, Wis. 54601.
- HARRISON, DR. BETTY D, b. Kemmerer, Wyo., Nov. 1, 28; m. 46; c. 2. EDUCATIONAL PSYCHOLOGY. B.S., Brigham Young, 59, M.S., 60, Ph.D. (ed. psychol.), 65. Res. asst. BRIGHAM YOUNG, 59-60, instr. ed. psychol., 60-65, asst. prof. ed. psychol. spec. ed. & res. & coordinator ed. center, 65-67, ASSOC. PROF. ED. PSYCHOL. & LEARNING DISABILITIES, 67-, summer coordinator ed. center, 61-69, Asst. prof., Hawaii, 67-68. Consult. Title I & II Projs. 65. Consult. Children, Except. Children; Assn. Children with Learning Difficulties. Learning and learning problems. Publ: Co-auth. Remedial reading handbook, 64 & Learning disabilities handbook, 69, Utah State; auth. Creative communications, UART Jour., fall 65. Address: Dept. of Educational Psychology & Learning Disabilities, 117 College Hall, Brigham Young University, Provo, Utah 84601.
- HARRISON, DR. JOHN P. Latin American History. See 5th ed, Dir. Am. Scholars, Vol. 1, Hist.
- HARRISON, DR. WILLIAM M, b. Los Angeles, Calif., Dec. 22, 26; m. 60; c. 2. ANTHROPOLOGY, ARCHAEOLOGY. B.A., California, Santa Barbara, 54; Ph.D. (anthrop.), 58. Res. assoc. archaeol., California, Santa Barbara, 54-59; ASST. PROF. ANTHROPOL. american Univ., 62-66; MASSACHUSETTS, AMHERST, 66- U.S.M.C., 43-46. A.A.A.S.; Anthropol. Assn; Soc. Am. Archaeol. Archaeological research in Southern California, American Southwest, New England and Middle Atlantic States. Publ: Mikiv: a coastal Chumash village, 66 & co-auth. An archaeological sequence for the hunting people of Santa Barbara, California, 67, Archaeol. Surv. Annual Report, Univ. Calif. Address: Dept. of Anthropology, University of Massachusetts, Amherst, Mass. 01002.
- HARRY, DR. JOSEPH, b. Palmetto, Fla., Oct. 5, 37. SOCIOLOGY. B.A. Reed Col., 61; M.A., Oregon, 66, Ph.D. (sociol.), 68. ASST. PROF. SOCIOL., WAYNE STATE, 68. Sociol. Assn; Rural Sociol. Soc. Organizations; natural resources; leisure. Publ: Co-auth. The conservation movement, J. Leisure Res., 9/69; auth. Social participation and family localism, Am. J. Sociol., 3/70; A by-product theory of primary behavior, Pac. Sociol. Rev., 3/70. Address: Dept. of Sociology, Wayne State University, Detroit, Mich. 48202.
- HARSHBARGER, DR. CHARLES EDWARD, b. Tuscola, Ill., Oct. 12, 40; m. 62; c. 2. AGRICULTURAL ECONOMICS. B.S., Illinois, 62, M.S., 63; Ph.D. (agr. econ), Purdue, 69. Res. asst. Agr. econ., Illinois, 62-63; Purdue, 63-68; asst. prof., Missouri-Columbia, 66-70; agr. econ. ECONOMIST, FED. RESERVE BANK KANSAS CITY, 70- Agr. Econ. Assn. Economics of firm growth; forage production; financial management. Publ: Co-auth. Economics of soil conservation on swyggert soils, Ill. Agr. Econ. 64 & Economic analysis of effects of soil loss on crop yields, J. Soil & Water Conserv., 64. Address: Federal Reserve Bank, Kansas City, Mo. 64106.
- HART, DR. (BENSON) (HAMBLETON). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Chief, financial economist, 68-, McGraw-Hill, Inc., 330 W. 42nd St., New York, N.Y. 10036.
- HART, DR. HERBERT CARLTON. Psychology. Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Chief, psychol. serv., 68-, Veterans Administration Center, 1500 Woodrow Wilson Dr., Jackson, Miss. 39218.
- HART, DR. JAMES JOSEPH, b. Flint, Mich., Nov. 27, 35; m. 64; c. 2. PSYCHOLOGY. B.A., Western Michigan, 57; M.A., Missouri, 61; Ph.D. (psychol.), 64. Res. psychologist, Army Med. Labs., Edgewood Arsenal, Md., 63-68;

- ASSOC. PROF. PSYCHOL. Park Col. 66-69; MADISON COL. 69- Med. Serv.C. U.S.A., 63-66. Psychol. Assn. Study of individual differences in human learning. Publ: Equivalence range and ego threat, *Psychotherapy*, 66; Assessing individual differences in motivation and their effect on performance of number facility, 67 & co-auth, Practice effect on number facility performance, 69, *Psychol. Reports*. Address: 79 Laurel St, Harrisonburg, Va. 22801.
- HART, PROF. J(OHN) FRASER. Geography. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Ed. *Annals*, Am. Am. Geogr. Address: Dept. of Geography, University of Minnesota, Minneapolis, Minn. 55455.
- HART, JOHN N. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 157 Hudson St, Hudson, Ohio 44236.
- HART, DR. JOSEPH TATE, b. South Pittsburg, Tenn, May 5, 30; m. 53; c. 6. INTERNATIONAL RELATIONS, POLITICAL SCIENCE. B.A. Emory & Henry Col. 51; M.A., Duke, 53; Ph.D.(int. rels), American Univ. 57. Staff officer, security eval. bd, Nat. Security Agency, U.S. Govt. D.C. 56-60; mem. prinl. staff, strategic studies group, Opers. Res. Off, Hopkins Univ. 60-61; strategic studies div, RES. ANAL. CORP. 61-63, study chmn, 63-64, proj. dir. Latin Am. & African studies, 64-69, PROJ. DIR. INT. POLICY STUDIES, 69- Intel. C. U.S.A. 53-56. Polit. Sci. Assn; Soc. Int. Develop; Nat. Planning Assn. World Future Soc. Projection of international trends; analysis of strategic policy problems; simulation of international relations; United States policy in the developing regions; implications of advancing technology in international affairs. Publ: Co-auth, Strategic analysis of Latin America, 1965-1975, 7/66, Strategic analysis of tropical Africa, 1967-1977, 7/68 & U.S. strategic interests in Latin American countries, 2/69, Res. Anal. Corp. Address: 1120 Balls Hill Rd, McLean, Va. 22101.
- HARTBAUER, DR. ROY ELDEN, b. Grand Forks, N.Dak, Apr. 20, 24; m. 48; c. 3. AUDIOLOGY, SPEECH PATHOLOGY. B.Th, Walla Walla Col, 50; M.A., Southern California, 61; Ph.D.(speech), Mich. State, 67. Prin. Bellingham Jr. Acad, Wash, 50-52; Brookside Jr. Acad, Yakima, 52-54; San Francisco Jr. Acad, Calif, 54-57; audiologist, Loma Linda, 58-62; chmn. dept. speech, Atlantic Union Col, 62-64; prof. speech, chmn. dept. & dir. speech & hearing clin, Walla Walla Col, 64-70; ASSOC. PROF. SPEECH PATH. & AUDIOL, WEST. WASH. STATE COL, 70- Dir. audiol. clin, White Mem. Med. Center, Los Angeles, 58-62; vis. prof. & speech path. consult, Wash. State Penitentiary, 64-; adj. prof, Andrews, 69-70. Consult, Los Angeles Co. Hosp, Ear, Nose & Throat Clin, 59-62; White Mem. Hosp, Cerebral Palsy Clin, 60-62; Bay State Soc. Crippled & Handicapped, Mass, 62-63; County Dept. Ed, 67-; speech pathologist, Berrien Co. Intermediate Sch. Dist, Mich, 68-70; dir. dept. speech & hearing ther. Mem. Hosp, Mich. U.S.A. 44-48, S/Sgt. Speech & Hearing Assn; Speech Assn. Am. Perception of duration of sound by hearing handicapped persons; vocational rehabilitation of hearing handicapped; theo-therapy for the speech handicapped. Publ: An introduction to your child who has hearing impairment, Loma Linda Univ, 67; I kneeled to pray, College Press, 67; The challenge of special education, J. Adventist Ed, 5/68. Address: Dept. of Speech Pathology & Audiology, Western Washington State College, Bellingham, Wash. 98225.
- HARTER, DR. CARL LEROY, b. Bern, Kans, Apr. 15, 36; m. 61; c. 1. SOCIOLOGY. B.A., Kans. State Teachers Col, 58, M.S., 59; Cornell, 60-61; Soc. Sci. Res. Coun. fel, Tulane, 64-65, Ph.D.(sociol), 66. Instr. sociol. & asst. dir. admissions, Kans. State Teachers Col, 59-60; asst. & acad. dir, Inst. Mex-Nam. Cult. Rels, Mex, 61-62; instr. SOCIOL, TULANE, 65-66, asst. prof, 66-68, ASSOC. PROF. SOCIOL. & EXEC. DIR. URBAN STUD. CENTER, 68- res. assoc. pop. studies unit, 65-66, dir. center pop. & family studies, 66-68. Milbank Mem. Fund faculty fel, 67-71. Consult, Pop. Coun. Abortion Study Group, 66; Orleans Parish Sch. Bd, 67-68; Interracial Coun. Bus. opportunity, New Orleans, 68-; New Orleans City Planning Cmn, 69-; summer, Comite Univ. Invest. on Pop. Valle, Columbia, 66. U.S.A.R., 55-63. Sociol. Assn; Pop. Assn. Prof. Health Assn; Nat. Coun. Family Rels. Social demography and family planning; sociology of the family; urban sociology. Publ: The power roles of intellectuals: an introductory statement, *Sociol. & Soc. Res*, 1/64; co-auth, A survey concerning induced abortions in New Orleans, *Am. J. Pub. Health*, 11/67; auth, Male fertility in New Orleans, *Demography*, Vol. 5, No. 1. Address: Urban Studies Center, Tulane University, New Orleans, La. 70118.
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- HARTMAN, PROF. BERNARD-THOMAS, b. Manhattan, N.Y., Aug. 26, 23; m. 58; c. 3. SPEECH & HEARING PATHOLOGY. B.A. Denver, 49, M.A., 51; Fulbright study award, Oslo, 57-58; Ph.D., Indiana, 62. Supvr. speech therapies, North. Wis. Colony & Training Sch, Wis, 53-57; dir. speech & hearing dept, Muscatatuck State Hosp, Ind, 58-62; adminstr. speech & hearing dept, New Castle State Hosp, Ind, 62-67; PROF. SPEECH PATH. & DIR. SPEECH & HEARING DEPT, STEPHEN F. AUSTIN STATE, 67- U.S.A., 43-46, Sgt. Speech & Hearing Assn; Asn. Ment. Deficiency; Int. Coun. Except. Children. Speech pathology and its relationship to behavioral disciplines and to neuro-pathologic disorders; special education. Publ: Co-auth, Auditory differentiation in dysphasics, J. Speech & Hearing Disorders, 6/56; auth, Therapeutic value of hearing aids for institutionalized mentally retarded, *Am. J. on Ment. Deficiency*, 3/58; co-auth, The use of a black light apparatus to reduce attention scatter in brain-injured children, *J. Learning Disabilities*, 8/69. Address: Dept. of Speech, Stephen F. Austin State University, Nacogdoches, Tex. 75962.
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- HARTMANS, DR. E(RMOND) H(ENRI), b. Margraten, Holland, Nov. 11, 20; U.S. citizen; m. 48; c. 3. AGRONOMY, AGRICULTURAL ECONOMICS. M.S., Wageningen, 47; Ph.D.(agr. econ), Mich. State, 50. Researcher, Agr. Econ. Res. Inst. The Hague, Holland, 50-51; chief agr. econ. state exten. Serv. Holland, 51-53; asst. prof. ext. econ. Minnesota, 53-57; assoc. prof, 57-59; tech. officer, Rural Inst. Div. Food & Agr. Orgn. UN, Rome, 59-60, tech. asst. head agr. dept, 60-62, proj. mgr. agr. res. inst. UN develop. prog. spec. fund proj, Cyprus, 62-65, chief, Near East, N.Africa & European region, prog. develop. world food prog, Rome, 65-68, spec. asst. to dir-gen, FOOD & AGR. ORGN. UN, ROME, 68-69, DIR. AGS SERV. DIV, 69- Farm management; agricultural engineering; food and agricultural industries. Address: Viale S.S. Pietro e Paolo 44, Rome, Italy.
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- HARVEY, DR. RICHARD B. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, 70-, Dept. of Political Science, Whittier College, Whittier, Calif. 90608.
- HARVEY, DEAN WILLIAM BURNETT. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- HARWARD, PROF. NAOMI MARKEE. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also acting dir, 69-, Dept. of Sociology, Division of Undergraduate Social Welfare, Arizona State University, Tempe, Ariz. 85281.



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- HARWOOD, DR. ALAN, b. Tarrytown, N.Y., Mar. 20, 35; m. 67. ANTHROPOLOGY. A.B. Harvard Col. 57; Soc. Sci. Res. Coun. fel. London Sch. Econ. 57-58; M.A. Michigan, 60; Ph.D. (anthrop.), Columbia, 67. Vis. asst. prof. anthrop. Brown, 65-66; ASSOC. RES. SCIENTIST, N.Y. UNIV. 67- Carnegie Corp. grant, 68-70. Anthropol. Asst. Ethnol. Soc. Social anthropology and urban anthropology. Publ: Witchcraft, sorcery and social categories among the Sawa of Tanzania, Oxford Univ. 70; Beer drinking and famine in a Sawa village: a case of adaptation in a time of crisis, Proc. E.Afr. Inst. Soc. Res. 64. Address: Dept. of Anthropology, New York University, New York, N.Y. 10003.
- HASBARGEN, DR. PAUL R., b. Menasha, Minn., Aug. 5, 29; m. 56; c. 2. AGRICULTURAL ECONOMICS. B.S. Minnesota, 52; M.S. 58; Ph.D. (agr. econ), Mich. State, 67. Instr. Graceville High Sch. 52-53; res. assoc. agr. econ, Minnesota, 55-56; asst. county exten. agent, Clay County, Minn. 56-57; EXTEN. ECONOMIST, MINNESOTA, ST. PAUL, 57- U.S.A. 53-54. Agr. Econ. Asn. Farm management and agricultural prices. Publ: Co-auth. The competitive position of cattle feeding in the northern corn belt, Mich. State Univ. 68 & Economic comparisons of hay harvesting, storing and feeding systems for beef cow herds, Inst. Agr. Univ. Minnesota, 69. Address: Dept. of Agricultural Economics, University of Minnesota, St. Paul, Minn. 55101.
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- HASKELL, EDWARD F. (RÖLICH). Scientific Synthesis. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- HASKINS, PROF. EDWARD COOPER. Geography, Anthropology. See 11th ed, Soc. & Behav. Vols., deceased 69.
- HASLEM, DR. JOHN ARTHUR. Business Administration, Finance. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. finance, 69-, College of Business & Public Administration, University of Maryland, College Park, Md. 20742.
- HASS, DR. WILBUR A. Psychology, Psycholinguistics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Faculty mem. 69-, Shimer College, Mt. Carroll, Ill. 61053.
- HASSELL, EDWARD W. (WARREN). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Independent econ. consult. 70- Address: 3250 N.E. 28th St. Ft. Lauderdale, Fla. 33308.
- HASSOL, PROF. LEONARD, b. New York, N.Y., Feb. 11, 24; m. 53; c. 5. COMMUNITY PSYCHOLOGY. B.A. Brooklyn Col. 47; Ph.D. (psychol), Boston, 62. Psychologist, S. Shore Ment. Health Center, 57-60, chief community consultation serv. 62-67; res. assoc. sch. pub. health, Harvard, 60-62; assoc. prof. COMMUNITY PSYCHOL. P. State, 67-69; PROF. WHEATON COL. 69- Training consult. Off. Ment. Health, Pa. 67-; Social Dynamics, Inc. 69-; res. consult. Nat. Training Lab. 69- U.S.N. 43-46. Fel. Psychol. Asn. Personality theory; child psychology; abnormal psychology; community mental health and psychology. Publ: Mental health consultation in a preventive context, In: The practice of community mental health, Little, 70; Adults and adolescents: an experiment in mutual education, In: Community psychology and mental health, Chandler, 70; Consultation of a national teacher corps program, Human Relations Training News, Vol. 13, No. 4. Address: 22 Ridge Ave. Newton Center, Mass. 02159.
- HASSOL, DR. MILTON DAVID. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- HASTINGS, ANDREW D. (EWEY), JR. Geography. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 6 Lakeview Gardens, Natick, Mass. 01760.
- HASTINGS, PROF. GLEN R., b. Frederick, Okla., Aug. 28, 22; m. 46; c. 3. PSYCHOLOGY, EDUCATION. B.A. Cent State Col. (Okla.), 47; M.Ed. Oklahoma, 52, fel. 59-60, Ph.D. (ed. psychol), 62. Supt. Geronimo Pub. Schs, Okla. 50-56; instr. instructional res. U.S. Army Artillery & Missile Sch. 56-58, chief ed. serv. sec. 58-59; asst. prof. ed. psychol. Northern Iowa, 60-63; supt. Chickasha Pub. Schs, Okla. 63-66; assoc. prof. Ed. PSYCHOL, NORTHERN IOWA, 66-69, PROF. 69-, univ. grant, 66-67. Participant, programmed instr. inst. Univ. Chicago, 63; Minn. Mining & Mfg. Co. res. grant, 64. U.S.A.A.F. 44-46; U.S.A.R. 46-, Lt. Col. Nat. Soc. Study Ed. Ed. Res. Asn. Nat. Coun. Measurement Ed. Relationship between behavioral objectives and accuracy of measurement of learning using classroom teacher developed measuring instruments, techniques for the objective evaluation of classroom teaching competencies. Publ: Programmed statistics for teachers, Univ. North. Iowa, 62; co-auth. Guidelines for developing classroom tests, Minn. Mining & Mfg. Co. 70; auth. Educating Iowa school business managers, Midland Schs. 67. Address: Dept. of Psychology, University of Northern Iowa, Cedar Falls, Iowa 50613.
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- HATCH, PROF. DAVID (LINCOLN). Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also chmn. 69-, Dept. of Anthropology & Sociology, University of South Carolina, Columbia, S.C. 29208.
- HATCH, DR. EVELYN, b. Cedar Falls, Iowa, Dec. 5, 30; div. c. 2. LINGUISTICS, EDUCATION. Ford Found. fel. California, Los Angeles, 66, M.A. 67, Ph.D. (ed. ling), 69. Instr. Eng. American Univ. Cairo, 63-65; Mt. St. Mary's Col. 65-67; assoc. res. design, Southwest Regional Lab. 67-69; ASST. PROF. ENG. CALIFORNIA, LOS ANGELES, 69- Teacher trainer, Nigerian & Ethiopian Progs, Peace Corps, 65. Consult. Southwest Regional Lab. 69- Ed. Res. Asn. Ling. Soc. Am. First and second language acquisition; effects of dialect on the acquisition of standard English and on reading skills. Publ: Co-auth. Five year old responses to coordinate sentences, auth. Four experimental studies in child language acquisition & Syntax of four reading programs . . . Southwest Regional Lab. 69. Address: Dept. of English, University of California, 405 Hilgard, Los Angeles, Calif. 90024.
- HATCHER, DR. EVELYN PAYNE, b. Chicago, Ill., Jan. 12, 14; m. 35; c. 1. ANTHROPOLOGY. B.A., California, Los Angeles, M.A., Chicago, 54; Ph.D. (anthrop.), Minnesota, 67. Instr. ANTHROPOLOGY, Minnesota, 62-67; asst. prof. ST. CLOUD STATE COL. 67-69, ASSOC. PROF. 69- Fel. Anthropol. Asn; Soc. Appl. Anthropol. Ethnol. Soc. Visual art as a cultural phenomena; non-verbal communication; relation of graphic arts to other aspects of culture and society. Publ: Co-auth. Diet of a Tarascan village, Am. Indigena, 43; Manual for introductory anthropology, Burgess, 62 & rev. ed. 67; auth. Navaho art: a methodological study in visual communication, intermittent, 67. Address: Dept. of Sociology & Anthropology, St. Cloud State College, St. Cloud, Minn. 56301.
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- HAUK, SISTER MARY URSULA, R.S.M., b. Altoona, Pa., July 24, 10. GEOGRAPHY. A.B. Col. Misericordia, 47; M.A. Catholic Univ. 53; fel. Clark, 55-58, Ph.D. (geog.), 58. Teacher, St. Nicholas Sch., Pa. 30-37; St. Joseph Sch. 37-45; Cent. Cath. High Sch. 45-50; prin. St. Columba Sch. 50-51; instr. geog. Mt. Aloysius Jr. Col. 51-59, registr. 52-55; coordinating ed. elem. textbooks, Allyn & Bacon, Inc. 58-62; chmn. dept. soc. sci., MT. ALOYSIUS JR. COL. 62-66, PRES. 66- Summers, vis. instr. Catholic Univ. 54, Col. Misericordia, 55. U.S. del. to UNESCO Seminar, Montreal, Can. 50. Asn. Am. Geog.; Nat. Coun. Geog. Ed. Improvement and extension of geography teaching in schools and colleges; changing patterns of Catholic population in the United States. Publ: Geography gateways, Book 4 & co-ed. Geography gateways, Book 5, Allyn & Bacon, 67; auth. Geography in today's world, Cath. Sch. J. Address: Mt. Aloysius Junior College, Cresson, Pa. 16630.
- HAUPERT, DR. JOHN S. Geography. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Geography, State University of New York at Buffalo, 4224 Ridge Lea Rd, Amherst, N.Y. 14226.
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- HAURI, DR. PETER. Clinical Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- HAUSKNECHT, PROF. MURRAY. Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof., Lehman Col. 70- Address: 33-60 21st St, Long Island City, N.Y. 11106.
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- HAUSMAN, DR. LEONARD JOEL, b. Brooklyn, N.Y., Jan. 27, 42; m. 67. ECO-NOMICS. B.A., Queens Col. (N.Y.), 63. M.A. Wisconsin, 66, Ph.D. (econ), 67. ASST. PROF. econ. N.C. State, 67-69; ECON. & SOC. POLICY, BRANDEIS, 70- Consult. Nat. Manpower Policy Task Force Assocs. 68- Econ. Asn; Indust. Rel. Asn. Income maintenance; manpower programs; urban economics. Publ: Potential for work among welfare parents, U.S. Dept. Labor, 69; From welfare rolls to payrolls? In: Public and private manpower policies, Indust. Rel. Res. Asn. 69; Potential for self-support among AFDC recipients, South. Econ. J. 7, 69. Address: Dept. of Economics, Brandeis University, Waltham, Mass. 02154.
- HAUSMAN, DR. WILLIAM, b. Brooklyn, N.Y., July 25, 25; m. 47; c. 4. PSYCHIATRY. Miami (Ohio), 43; M.D. Washington (St. Louis), 47. Chief med. res. proj. psychiat. U.S. Army Hosp. N.Y., 52-58; asst. chief, LeHerman Army Hosp. Calif., 58-62; chief behav. sci. res. br. U.S. Army Med. Res. & Develop. Command, D.C. 62-65; assoc. dir. div. neuropsychiat, Walter Reed

- Army Inst. Res. 65-66; ASSOC. PROF. PSYCHIAT. SCH. MED. HOPKINS, 66- Consult. Walter Reed Army Inst. Res. 68-; Soc. Security Admin. Baltimore, Md. 68-; Dir. Ment. Health, Baltimore Co, Md. 68-; U.S. Air Force Acad. 68- Mem. exec. cmt. cmt. on hearing & bioacoustics & cmt. on vision, Nat. Res. Coun. 62-65; mem. bd. dirs. Mt. Holyoke Clin. Process Conf. 67- Cert. psychiat. Am. Bd. Psychiat. & Neurol. 53- U.S.N.R. 42-47, Med.C. U.S.A. 49-66, Col. (Ret). AAAS: fel. Psychiat. Asn.; Interam. Psychol. Asn.; Pub. Health Asn. Personnel selection; group process; military psychiatry; social and preventive psychiatry; student mental health. Address: Dept. of Psychiatry, Johns Hopkins University School of Medicine, Baltimore, Md. 21205.
- HAUTALUOMA, DR. JACOB E. b. Chatham, Mich. June 28, 33; m. 56; c. 2. PSYCHOLOGY. B.A. Minnesota, Duluth, 55; Nat. Insts. Ment. Health feds, Colorado, 60-61, 63-64, M.A. & Ph.D. 67. Indust. engr. Am. Steel & Wire Div. U.S. Steel Co. 55-60; ASST. PROF. PSYCHOL. COLORADO STATE, 65- Field assessment officer, U.S. Peace Corps, summer, 67, 68 & 69. Consult. U.S. Forest Serv. 67-69. U.S.A.F.R. 64. AAAS: Psychol. Asn.; Sociol. Asn. Social problem research and international development issues; effects of incarceration on boys; objective definitions of mental illnesses; community power arrangements; training evaluations. Publ: Syndromes, antecedent and outcomes of psychosis: a cluster analytic study, Univ. Colo. 67; co-auth. Organizational influence in Denver: structure and process, Rocky Mt. Soc. Sci. J. 10/70. Address: Dept. of Psychology, Colorado State University, Ft. Collins, Colo. 80521.
- HAVILLAND, DR. HENRY FIELD, Jr. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. res, Fletcher Sch. Law, 69- Address: 106 Appleton St, Cambridge, Mass. 02138.
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- HAVILLAND, DR. WILLIAM E(DWARD). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Economist, 68-, Economic Council of Canada, Box 527 Ottawa, Ont, Can.
- HAVRILESKY, DR. THOMAS (MICHAEL), b. Johnstown, Pa. Mar. 18, 39; ECONOMICS. B.S. Pennsylvania State, 60, M.A. 63; univ. fel. Illinois, 65, Fed. Res. Bank Chicago fel. & Ph.D.(econ), 66. Asst. prof. ECON, Maryland, 66-69; ASSOC. PROF. DUKE, 69- Res. grant, Maryland, summer 68; Duke, 69-70; vis. assoc. prof, Rice, 70-71. Financial consult, City of Baltimore, 67-68; consult, Sterling Inst, D.C. 68-69. Econ. Asn.; Finance Asn.; Assn. Evolutionary Econ. Optimal monetary policy targets; share stability studies in the cigarette industry; economics of crime & pollution; experiments in teaching methods in economics; monetary history. Publ: Co-auth. The supply of and demand for money in macroeconomic theory, Allyn & Bacon, 71; auth. A test of monetary policy action, J. Polit. Econ. 5/67; co-auth. Tests for market share stability in the cigarette industry, J. Indust. Econ. 4/69. Address: Dept. of Economics, Duke University, Durham, N.C. 27706.
- HAYRON, DR. MILTON D(EAN), b. Wartrace, Tenn. Apr. 23, 16; m. 42; c. 2. PSYCHOLOGY. B.A. Vanderbilt, 39; Ph.D. Maryland, 50. Prof. dir. Inst. Res. Human Rel. 50-52; res. dir. Psychol. Res. Assocs. 52-57; PRES. HUMAN SCI. RES. INC. 57- U.S.N. 41-46. Psychol. Asn.; Human Factors Soc. Small group studies; criterion research; cross-cultural studies. Publ: Evaluation of combat systems; establishment of criteria and their use in selection of key system factors; The role of psychological operations in naval missions: an appraisal and recommendations; Constabulary capabilities for low level conflict. Address: 6222 Edgewater Dr, Falls Church, Va. 22041.
- HAWES, PROF. HOMER HUGHES. History. See 5th ed, Dir. Am. Scholars, Vol. 1, Hist.
- HAWES, DR. WILLIAM. Communications. See 5th ed, Dir. Am. Scholars, Vol. 1, Hist.
- HAWK, DR. HUGH K(YLE). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Comptroller, 69-, Defense Industrial Supply Center, 700 Robbins Ave, Philadelphia, Pa. 19111.
- HAWK, DR. SARA S(TINCHFIELD). Psychology. See 11th ed, Soc. & Behav. Vols, deceased.
- HAWKES, DR. MARY QUARLES. Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. sociol, Wheelock Col, 68- Address: 67 Carlton St, Brookline, Mass. 02146.
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- HAWKINS, DR. THOMAS WILLIAM, Jr. Mathematics, History of Science. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- HAWKINS, DR. WILLIAM ANDREW, b. New Orleans, La. Nov. 10, 21; m. 52; c. 4. PSYCHOLOGY. B.S. Loyola (La), 48, M.A. La. State, 51, Ph.D. 60; cert. alcoholism, Yale, 53. Chief psychologist male serv. Cent. La. State Hosp. 51-53; clin. psychologist & dir. Evangeline Area Guid. Center, 53-55; Lafayette Ment. Health Treatment Center, 55-57 & 60-61; psychol. consult. Dept. Hosp., State of La, 58-60, state chief psychologist, 61-62; asst. prof. Psychol., SOUTHWESTERN LOUISIANA, 64-65, ASSOC. PROF. 65-, CHMN. DEPT. 69-, PSYCHOL. CONSULT. STATE DEPT. HOSPS. 62-, LA. STATE BD. HEALTH, 64- Med.C. U.S.M.C. 42-45. Publ: Co-auth. Long-term drug treatment of psychiatric out-patients, diseases of the nervous system. Address: P.O. Box 3131, University of Southwestern Louisiana Station, Lafayette, La. 70501.
- HAWKINSON, PROF. JAMES R. Marketing. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: Graduate School of Management, Northwestern University, Evanston, Ill. 60201.
- HAWLEY, DEAN CLAUDE E(DWARD). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Dean col, John Jay Col, City Univ. N.Y. 69- Address: 5 Tudor City Place, New York, N.Y. 10017.
- HAWLEY, DR. JONATHAN P. b. Evanston, Ill. Feb. 17, 38; m. 61; c. 2. POLITICAL SCIENCE. B.A. Park Col, 61; M.A. Missouri-Columbia, 63, Ph.D. (polit. sci), 68. Asst. prof. POLIT. SCI. TULSA, 65-70, ASSOC. PROF. & HEAD DEPT. 70- Am. Polit. Sci. Asn. Congressional fel. 68-69; vis. asst. prof, Missouri-Columbia, summer 68. Polit. Sci. Asn.; Acad. Polit. Sci. American government and politics; conservation politics. Address: Dept. of Political Science, University of Tulsa, Tulsa, Okla. 74104.
- HAY, PROF. KEITH ALEXANDER JAMES, b. Surbiton, Eng. Mar. 23, 38; Can. citizen; m. 61; c. 1. ECONOMICS. B.Sc. Southampton, 59; M.Sc. Toronto, 61; Brown, 62-65. Lectr. econ, Waterloo, 61-62; res. economist, Guelph, 61-62; asst. prof. ECON. CARLETON, 65-68, ASSOC. PROF. 68- KILLAM Found. fel. 69-71; summer, Can. Coun. fel. 66. Am. Econ. Asn.; Econ. Asn.; Royal Econ. Soc. Monetary theory and policy; monetary history; economic theory; hospital economics; Canadian-Japanese trade. Publ: Money and business cycles in Canada, J. Polit. Econ. 67; Early twentieth century business cycles in Canada, 68 & co-auth. Education and capital misallocation in a growing economy, 68, Can. J. Econ. Address: Dept. of Economics, Rideau River Campus, Carleton University, Ottawa 1, Ont, Can.
- HAY, PROF. PETER H(EINRICH). Law, Political Science. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- HAY, DR. RICHARD KIRKWOOD, b. Parsons, Kans. Mar. 8, 42; m. 68. ECONOMICS. B.A. Kans. State Col. Pittsburg, 63; Nat. Defense Ed. Act fel. & M.A. Kansas State, 64, Ph.D.(econ), 69. Instr. ECON, Mo. South. Col. 63-64; KANS. STATE COL. PITTSBURG, 64-65, asst. prof. 66-68, ASSOC. PROF. 68- Consult. mgt. econ. Dept. Econ. Develop. 66; Econ. Develop. Admin. U.S. Dept. Commerce & Mid-Am. Inc. 66-68. Econ. Asn. Revealed preference theory and related problems in utility measurement; the incorporation of structural considerations in models of regional economic growth. Address: 1206 Imperial Dr, Pittsburg, Kans. 66762.
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- HAYDEN, DR. BENJAMIN STEPHEN, III, b. Baltimore, Md. July 6, 37; m. 67; c. 1. PSYCHOLOGY. B.S. Loyola Col.(Md), 59; M.A. Fordham, 61, Ph.D. (psychol), 65. Instr. psychol, Fordham, summer 61, Baltimore Jr. Col. 63-64; asst. prof, West. Md. Col. 64-66; fel. clin. child psychol, ASTOR HOME FOR CHILDREN, 66-67, COORDINATOR PSYCHOL. RES. 67- Intern. Seton Psychiat. Inst. 63-66. Psychol. consult, Rhinebeck Country Sch, 67; res. consult. bd. regents, N.Y. State, 67- Orthopsychiat. Asn.; Psychol. Asn. Development of psychological techniques for diagnosing perceptual dysfunction in children; evaluation of residential treatment for emotionally disturbed children; evaluation of the usefulness of play materials in play psychotherapy. Publ: Some norms for the pronounceability of nonsense syllables, Psychol. Reports, 69; co-auth. A residential treatment center moves toward the community mental health model, Child Welfare, 12/68 & Diagnosing minimal brain damage in children, Merrill Palmer Quart. (in press). Address: Astor Home for Children, Rhinebeck, N.Y. 12572.
- HAYDEN, DR. ROBERT G(EORGE). Social Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. Wash. off. Kirschner Assocs, Inc, 69- Address: 7306 Willow Ave, Takoma Park, Md. 20012.
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- HAYES, DR. WILLIAM ALLEN, b. Chattanooga, Tenn. Apr. 13, 41; m. 64; c. 1. PSYCHOLOGY. B.A. Dillard, 63; M.A. Fisk, 64; Ph.D. (psychol), George Peabody Col. 69. Lectr. psychol, Fisk, 67-68, asst. prof. 68-69; ASST. PROF. PSYCHOL. DEPT. FAMILY & COMMUNITY HEALTH & SR. SOC. SCIENTIST & RES. COORDINATOR HEALTH SERV. RES. UNIT, MEHARRY MED. COL. 69- Asn. Ment. Deficiency; Pub. Health Asn. Programmed discrimination training for infants and mentally retarded children; preventive training programs for the culturally disadvantaged. Publ: Meditation versus pseudomeditation: an unresolved issue, 67 & Two methods of increasing response rate in free-operant avoidance conditioning, 68, Psychonomic Sci.; co-auth. Facilitating the acquisition of discrimination learning set with insti-



- tutionalized retarded children. Am. J. Ment. Deficiency. 69. Address: Meharry Medical College, 1501 Herman St. Nashville, Tenn. 37208.
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- res. dept. Bank of Can. 65- Am. Econ. Asn; Economist. Soc. Can. Econ. Asn; Royal Econ. Soc. Construction, simulation and international linkage of national econometric models: quantitative analysis of monetary and fiscal policies. Publ: Public policies and private investment, Clarendon, Oxford, 68; A structural model of the foreign exchange market, Can. J. Econ. 2/69; co-auth. Econometric analysis of policy choices for an open economy, Rev. Econ. & Statist. 11/69. Address: Dept. of Economics, University of British Columbia, Vancouver 8, B.C., Can.
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- HELMERS, DR. HENRIK OLAF, b. Sauda i Ryfylke, Norway, Dec. 1, 22; U.S. citizen; m. 51; c. 4. BUSINESS ADMINISTRATION, MARKETING. B.S.M.E. Va. Polytech, 47; M.B.A. Harvard, 49; Gen. Elec. fel. Michigan, 64, 65, Nat. Assn. Purchasing Agents fel. 66, Ph.D.(bus. fel. 67. Res. assoc. bur. bus. res. Univ. Michigan, 63-65; asst. dir. 65-69; asst. prof. bus. admin, 67-69, lectr. 66-67; ASSOC. PROF. BUS. ADMINISTRATION (MGT.), 69. Eng. C. U.S.A. 44-46. Canada-United States trade and industrial integration; industrial supply function; marketing function. Publ: The U.S.-Canadian automobile agreement: a study in industry adjustment, Inst. Int. Commerce, Univ. Mich, 67; co-auth. State economic development: status and appraisal, Bur. Bus. Res. Univ. Mich, 67 & Explorations into trade liberalization: the case of the U.S.-Canadian auto market, C. Gage, Ltd. Toronto, 70. Address: School of Business, Queen's University, Kingston, Ont., Can.
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- HELMS, DR. MARY W(ALLACE), b. Allentown, Pa., Apr. 15, 38; m. 68. ANTHROPOLOGY, ETHNOHISTORY. B.A. Pa. State, 60; M.A., Michigan, 62, Ph.D.(anthrop. 67. Instr. ANTHRO. Wayne State, 65-67; asst. prof. Syracuse, 67-68; LECTR. NORTHWESTERN, CHICAGO, 69- AAAS: fel. Anthrop. Asn; Soc. Ethnologist. Cultural anthropology, especially peasant studies, culture change and cultural ecology; field work in Nicaragua; area interest in Middle America. Publ: Asang, Univ. Florida, (in press); The cultural ecology of a colonial tribe, Ethnology, Vol. 8: 76-84; The purchase society, Anthropol. Quart., 69. Address: Dept. of Anthropology, Chicago Campus, Northwestern University, Chicago, Ill. 60615.
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- HEMLEBEN, PROF. SYLVESTER JOHN, b. La Crosse, Wis., Feb. 25, 02. POLITICAL SCIENCE. A.B. State Univ. Iowa, 27, A.M., 28; Columbia, 28-30; Cambridge, 29; Ph.D., Fordham, 31; Harvard, 35; Munich, 36; LL.B., Mississippi, 63, J.D. 68. Assoc. prof. hist. & soc. studies & head dept. ed. Fordham, 35-45; prof. hist. Northwestern Louisiana, 47-51; assoc. prof. law, Mississippi, 63-68; private practice law, 65-66; PROF. POLIT. SCI., BREVARD JR. COL., 66- Lectr. Fordham, 31-35; legal consult, 63-66. Ed. hist. br. Chem. Warfare Serv., U.S. War Dept. 45-47. Bar Asn; Polit. Sci. Asn; fel. Royal Hist. Soc. Outlines of modern European history, 1500-1803; plans for world peace through six centuries; guide to European history. Publ: Mississippi workmen's compensation: selected cases, Univ. Mississippi, 64; The voice of the people, 70 & Grass roots government, 70, McCutchan. Address: Dept. of Political Science, Brevard Junior College, Cocoa, Fla. 32922.
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- HENDERSON, PRES. THOMAS H(OWARD). Psychology, Education. See 11th ed, Soc. & Behav. Vols. deceased 70.
- HENDON, DR. FRED N. JR. b. Birmingham, Ala., Apr. 10, 36; m. 64; c. 2. ECONOMICS. B.S. Alabama, 58, M.S., 59, Ph.D.(econ), 69. Mkt. res. analyst, Vulcan Nat. Corp., 64-65; instr. ECON., SAMFORD, 65-66; asst. prof. 66-68, ASSOC. PROF. 68- Consult. Asso. Indust. Adm. 68- U.S.A. 51-63. Econ. Asn. Mechanism of the inflation process. Address: Dept. of Economics, Samford University, 800 Lakeshore Dr., Birmingham, Ala. 35029.
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- HENDRICKSON, DR. HILDEGARD ROEDIG, b. Gasdobra, Yugoslavia, Oct. 12, 33; U.S. citizen; m. 60; c. 2. ECONOMICS, FINANCE. B.B.A., Washington (Seattle), 58, M.B.A., 59; D.B.A.(finance), 66. Lectr. finance, Washington (Seattle), 65-67; ASST. PROF. ECON. & FINANCE, SEATTLE, 67- Econ.

- Asn; Finance Asn. Economic theory; money and banking; business finance. Publ: Co-auth, Economics for Americans, St. Martin's, 70. Address: Dept. of Economics, Seattle University, Seattle, Wash, 98115.
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- HENNINGER, DR. GEORGE ROBERT. Psychiatry. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- HENJUM, DR. RAYMOND HARRIS, b. Hoffman, Minn. May 4, 34; m. 56; c. 2. GUIDANCE & COUNSELING. B.A. Augsburg Col, 55; M.Sc. Stout State, 61; Ph.D.(couns. ed), Wisconsin, 65. Teacher, pub. schs, Minn., 55-58; teacher & superv. pub. schs, Wis., 58-62; res. asst. counseling, Wisconsin, Madison, 62-65; asst. prof. COUNSEL, Ed. Montana State, 65-68; ASSOC. PROF. MANITOBA, 68-. Grant, inst. simulation in col. instr., Ore. State Syst. Higher Ed., summer 68; consult, Dept. Ed, Man., 69-70. Career development research and related research in counselor education. Publ: Co-auth, Some career development implications for education, Man. J. Ed, 6/69 & Parental actions on counselor suggestions, Voc. Guid. Quart, 9/69. Address: Faculty of Education, University of Manitoba, Winnipeg 19, Man., Can.
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- HENLEY, DR. GORDON H(ENRY). Counseling, Educational Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 67-, Dept. of Psychology, St. John's University, Collegeville, Minn. 56321.
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- (St. Louis), 60-64; prog. economist, U.S. Agency Int. Develop, Liberia, 64-67; assoc. prof. ECON, Minuteman Grad. Center, S.Dak. State Univ., Ellsworth Air Force Base, 67-69; VIS. ASSOC. PROF. CONCORDIA COL. 69-; Lectr. Peace Corps, 67; U.S.A.A.F. 43-45, 1st Lt. Econ. Asst.; Soc. Int. Develop. Manpower and labor market research for Ford Foundation and United States Dept. Labor; manpower in developing economies. Address: Dept. of Economics, Concordia College, Moorhead, Minn. 56560.
- HERMANS, PROF. THOMAS G(ERALD).** Psychology. See 11th ed, Soc. & Behav. Vols. decaes 69.
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- HEWITT, DR. FRANK MORRIS, b. Los Angeles, Calif., Nov. 19, 27; m. 51; c. 2. SPECIAL EDUCATION, CLINICAL PSYCHOLOGY. A.B., California, Los Angeles, 51, M.A. 58, Ph.D. (clin. psychol.), 61. Teacher remedial ed. Fernald Sch., CALIFORNIA, LOS ANGELES, 53-55, supvr., 55-61, clin. psychologist, neuropsychiat. inst., 61-64, asst. prof., SCH. ED., 64-67, ASSOC. PROF. ED. & PSYCHIAT., 67- Mem. Secy. Health. Ed. & Welfare Nat. Adv. Cmt. on Dyslexia & Related Reading Disorders, 68-69, U.S.A., 45-47. Fel. Orthopsychiat. Asn.; Psychol. Asn.; Coun. Except. Children. Public school and institutional educational programs for exceptional children; application of behavioral orientation in special education. Publ. The emotionally disturbed child in the classroom. Allyn & Bacon, 69; Educational engineering with emotionally disturbed children, Except. Children, 33: 459-471 & In: Educating emotionally disturbed children, Holt, 69, Educating the emotionally disturbed child, Crowell, 69 & Mental health and the educative process, Rand McNally, (in press); co-auth. The Santa Monica project: evaluation of an engineered classroom design with emotionally disturbed children, Except. Children, 3/69. Address: Dept. of Education & Psychiatry, Graduate School of Education, University of California, Los Angeles, Calif. 90024.
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- Personality theory and measurement; assessment methodology; behavior modification; drug addiction. Publ. Co-auth. A pilot evaluation of Deanol in the treatment of anxiety. *Current Therapeut. Res.* 67. Address: Dept. of Psychology, Fordham University, New York, N.Y. 10458.
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- HILL, DANIEL A. Economics. See 11th ed. Soc. & Behav. Vols. deceased 69.
- HILL, DR. JAMES EDWIN, JR. Geography. See A-K Vol. 11th ed. Soc. & Behav. Vols. New publ: Modern college physical geography, Col. Notes. 69. Address: Dept. of Geography, Oregon College of Education, Monmouth, Ore. 97361.
- HILL, PROF. JUDSON WILLIAM, b. Olean, N.Y. Feb. 12, 18; m. 55. SOCIOLOGY. A.B. Colgate, 51, M.A. 54; Ph.D.(ed. admin.) Cornell, 68. Teacher & coach, Boonville Sch. N.Y. 52-54; exec. dir. Youth Bur. City of Ithaca, 54-58; asst. prof. ed. Ithaca Col. 58-61, asst. dean students, 61-64; assoc. prof. SOCIOL. SLIPPERY ROCK STATE COL. 65-68, PROF. 68- U.S.A. 42-45. Sociol. Assn; Rural Sociol. Soc. Acad. Polit. & Soc. Sci. Anomia among college students; use of small group techniques, competition and play in the college classroom. Address: 7 Sibley Ave. Franklin, Pa. 16323.
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- HILL, LAWRENCE S. Operations Research, Industrial Engineering. See A-K Vol. 11th ed. Soc. & Behav. Vols. New information: Prof. mgt. sci, California State Los Angeles, 69-; consult. Planning Res. Corp. 69-, sr. consult. Comput. Appln. Inc. 69- Address: 3653 Oceanhill Way, Malibu, Calif. 90265.
- HILL, DR. LOWELL DEAN, b. Delta, Iowa, Apr. 27, 30; m. 51; c. 2. AGRICULTURAL ECONOMICS. B.S. Iowa State, 51; M.S. Mich. State, 61. Ph.D. (agr. econ.) 63. Instr. pub. schs. Iowa, 51-55; self-employed, Iowa, 55-59; asst. prof. agr. econ. exten. ILLINOIS, URBANA, 63-66. GRAIN MKT. 65-67, ASSOC. PROF. 67- U.S.A. 52-54. Agr. Econ. Assn. Market structure; vertical integration; use of contracts in marketing and production; grain marketing; economic relationships of harvesting, conditioning, and marketing corn. Publ: Agricultural Market planning in resource development, Univ. Ill. 65. A bargaining model for predicting price adjustments to technological change. J. Farm Econ. 66; Information gaps and research problems. Econ. Conglomerate Growth, 69. Address: 415 Mumford Hall, University of Illinois, Urbana, Ill. 61801.
- HILL, PROF. MOZELL C(LARENCE). Sociology. See 11th ed. Soc. & Behav. Vols. deceased 69.
- HILL, PROF. RANSEL D(UANE), b. Akron, Ohio, Sept. 11, 20; m. 49; c. 2. SOCIOLOGY. A.B. Akron, 47; M.S. Western Reserve, 49, John R. Mott fel. Case Western Reserve, 59-61. Asst. gen. secy. YMCA, Akron, Ohio, 49-59; instr. soc. group work, Western Reserve, 60-61; ASSOC. PROF. SOCIOL. KENT STATE, 61- Summers, dir. cottage life, Methodist Children's Home, Berea, Ohio, 61 & mem. coun. soc. work ed. U.S. Children's Bur., Wash-ington (Seattle). 67. U.S.A.A.F. 42-46, Sgt. Nat. Assn. Soc. Workers, Coun. Soc. Work Ed. Conceptual model building and the application of these models in decision-making; sociology of communication systems such as citizen's band radio and noise; administrative theory in formal organizations, especially social work. Publ: Co-auth. Psychology today. Addison-Wesley, 70; auth. Conceptual models and social work analysis, Kent State Univ. 70; A societal model for defining practitioner roles in social work, Soc. Worker, 69. Address: Dept. of Sociology & Anthropology, Kent State University, Kent, Ohio 44224.
- HILL, PROF. RICHARD M. b. Shelbyville, Ind. Nov. 25, 23; m. 52; c. 4. BUSI-NESS ADMINISTRATION. B.A. Columbia, 48, M.A. 49, Ph.D.(econ. bus. admin), 57. Sales analyst, Omar Baking Co. 49-50; instr. econ. Purdue, 50-52; mkt. specialist, Traffic Serv. Corp. 54-55; assoc. in mkt. grad. sch. bus. admin. Columbia, 55-56; asst. prof. MKT. COL. COMMERCE & BUS. ADMIN. ILLINOIS, URBANA, 57-59, assoc. prof. 60-63, PROF. 63-, DIR. PH.D. PROG. DEPT. BUS. ADMIN. 69-, asst. dean, col. commerce & bus. admin. 63-65, assoc. dir. grad. sch. bus. admin. 65-68. U.S.A.F. 42-46, Capt. Mkt. Assn.(v-pres. 67); Acad. Mgt; Econ. Assn; Inst. Mgt. Sci. Whole-saling; industrial marketing; market development; business policy. Publ: Wholesaling management, 63 & co-auth. Industrial marketing, 67, Irwin; auth. What to do about a bad credit house, Hazard Bus. Rev. 1-2/56. Ad-dress: 304 David Kinley Hall, University of Illinois, Urbana, Ill. 61801.
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- HILTNER, PROF. SEWARD. Pastoral Theology. See 5th ed. Dir. Am. Schol-ars, Vol. IV, Philos. Relig. & Law.
- HILTS, DR. VICTOR L. History of Science & Social Science. See 5th ed. Dir. Am. Scholars, Vol. I, Hist.
- HILTY, DR. DONALD P. Economics, Finance. See A-K Vol. 11th ed. Soc. & Behav. Vols. New position & address: Mgr. mkt. res. Chrysler Int. S.A. 69- Address: P.O. Box 158, 1211 Geneva 24, Switz.
- HILTZ, DR. STARR ROXANNE, b. Little Rock, Ark. Sept. 7, 42; m. 63. SOCIOLOGY. A.B. Vassar Col. 63; M.A. Columbia, 64. Ph.D.(sociol) 69. Sociol-ogy, U.S. Army, 67; res. analyst, Prudential Ins. Co. Am. 67-69; Asst. PROF. SOCIOL. 69- Consult. Social Work, Inc. 69-70; spec. consult. Prudential Ins. Co. Am. 69- Social Assn; Assn. Pub. Opin-ion Res. Survey research; economic and political sociology; social change. Publ: Opinion survey..., U.S. Army, 67; Industrialization and social change, Columbia Grad. Sociol. Soc. J. 65. Address: 1531 Golf St. Scotch Plains, N.J. 07076.
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- HDNELINE, DR. PHILIP (NEIL), b. Rice Lake, Wis. May 29, 40; m. 65. EX-PERIMENTAL PSYCHOLOGY. B.A. Hamilton Col. 62, Nat. Insts. Health, fel. Harvard, 63, Ph.D.(psychol.) 67. Res. psychologist, Walter Reed Army Inst. Res. 66-69; ASST. PROF. PSYCHOL. TEMPLE, 69- Lectr. American

Univ. 68-69. Med. Serv. C. U.S.A. 64-69. Capt. AAAS; Psychol. Assn. Learning processes; aversively-controlled behavior; motivation and emotion; psychology of music; ethological-psychological relations. Publ: Co-auth. Negative reinforcement as shock-frequency reduction, 66. The role of temporal discriminations in discrete-trial and free-operant avoidance, 70 & auth. Negative reinforcement without shock reduction, 70. J. Exp. Anal. Behav. Address: Dept. of Psychology, Temple University College of Liberal Arts, Philadelphia, Pa. 19122.

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methods, Free Press, 67; auth. Causes of delinquency, Univ. Calif., 69. Address: Dept. of Sociology, University of Washington, Seattle, Wash. 98105.

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HITCHCOCK, DR. CHARLES BAKER. Geography. See 11th ed. Soc. & Behav. Vols. deceased 69.

HITCHENS, COL. HAROLD LEE. United States History. American Foreign Policy. See 5th ed. Dir. Am. Scholars, Vol. 1, Hist.

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- States policy toward Africa. Publ. Hong Kong is the lifeboat: notes on political culture and socialization in Hong Kong. J. Orient. Studies, 1/70. Address: 7236 Tulane, University City, Mo. 63130.
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- therapy; psychometrics; neuropsychology. Publ: Co-auth, Business administration: an introduction, Scott, 69; auth, An examination of new IQ norms of the ammons, J. Clin. Psychol, 69; co-auth, An emotional profile of depression, Psychol. Reports, 69. Address: Dept. of Psychology, University of Manitoba, Winnipeg, Man, Can.
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- HOLLISTER, PROF. BARRETT. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Quaker rep. UN Friends World Cmt, 69. Address: 247 E. 48th St, New York, N.Y. 10017.



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- HOLLISTER, DR. ROBINSON GILL, JR., b. Newark, N.J. Oct. 11, 34; m. 64; c. 1. ECONOMICS. B.A., Amherst Col., 56; Fulbright scholar, London, 61-62; Ph.D. (econ), Stanford, 65. Asst. prof. econ, Williams Col., 62-64; consult. econ, Oregon Econ. Coop. & Develop. France, 64-65; mem. staff, res. & plans, Off. Econ. Opportunity, Wash. D.C., 66; chief, 66-67; asst. prof. ECON, WISCONSIN, MADISON, 67-68, ASSOC. PROF. 68. Consult. UNESCO, France, 61; Int. Labour Off., Switz, 62; Int. Inst. Ed. Planning, France, 65; U.S. Agency Int. Develop., 67. U.S.A.R., 57-63. Problems of poverty in the United States: economics of human resources; economic problems of Africa. Publ: A technical evaluation of the first stage of Mediterranean regional project, Orgn. Econ. Coop. & Develop., 66; Economics of manpower forecasting, Int. Labour Rev., 4/64; co-auth. Methods and problems in evaluation of social programs, Int. Public and private manpower policies, Indus. Rels. Res. Assn., 69. Address: Dept. of Economics, University of Wisconsin, Madison, Wis. 53706.
- HOLLOWAY, DR. GORDON F., b. Chesterfield Co., Va. Feb. 6, 33; m. 55; c. 7. AUDIOLOGY. B.S. Utah, 62; M.S., 64; Dept. Health, Ed. & Welfare grant, Southern Illinois, 67-68, Ph.D. (audiol), 68. Speech & hearing therapist, Curry Co., Ore. Inst. Develop., 64-65; AUDIOLOGIST, MINOT STATE COL., 68. U.S.N. 51-55. Speech & Hearing Assn. Auditory-visual integration in language impaired children; auditory-visual integration in children. Publ: Co-auth. Radio telemetry for the monitoring of verbal behavior, J. Speech & Hearing Disorders, 2/68. Address: Dept. of Audiology, Minot State College, Minot, N.Dak. 58701.
- HOLLOWAY, PROF. HAROLD DAVID. Child Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also acting chmn., 69. Dept. of Psychology, North Texas State University, Box 5334, Denton, Tex. 76203.
- HOLLOWAY, PROF. WILLIAM VERNON. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: No longer dean grad. sch. & v-pres, Univ. Tulsa. Address: 5518 E. 46th St., Tulsa, Okla. 74135.
- HOLLY, PROF. DAVID C., b. Baltimore, Md. Oct. 17, 15; m. 49; c. 3. POLITICAL SCIENCE, INTERNATIONAL RELATIONS. B.S. Hopkins, 38; M.A. Maryland, 39; Ph.D. (int. rels.), American Univ., 64. From asst. prof. to assoc. prof. int. law & rels., American Univ., 64-67; from assoc. prof. to PROF. INT. RELS., HAMPTON-SYDNEY COL., 67. U.S.N., 42-54, Comdr. (Ret). Polit. Sci. Assn. Int. Law. International law, American foreign policy. Publ: Exodus 1947, Little, 69; The ROK Navy, 11/52 & For the purpose of marking time, 3/53, U.S. Naval Inst. Proc. Address: Dept. of Political Science, Hampton-Sydney College, Hampton-Sydney, Va. 23943.
- HOLMAN, DR. PETER ANDREW. Industrial & Engineering Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 833 15th St., Santa Monica, Calif. 90403.
- HOLMES, DR. A. STEWART, b. Bend, Ore., Aug. 18, 42; m. 68. AGRICULTURAL ECONOMICS. B.S. Oregon State, 65; Ph.D. (agr. econ), Maryland, 69. ASST. PROF. RESOURCE ECON, MARYLAND, 69. Soc. Int. Develop. Community Develop. Soc. Am. Agr. Econ. Assn. Int. Assn. Agr. Econ. Resource Economics; international economic development. Address: Dept. of Agricultural Economics, University of Maryland, College Park, Md. 20742.
- HOLMES, DR. DAVID NOYES, JR., b. Saginaw, Mich., Mar. 14, 37; m. 63; c. 2. ECONOMICS, POLITICAL SCIENCE. B.A. Harvard, 59; B.F.T., Thunderbird Grad. Sch. Int. Mgt. (Ariz), 61; M.A. California, Los Angeles, 65; Nat. Defense Ed. Act fel., 67-69, Ph.D. (econ), 69. Prof. Eng. Caldas, Colombia, 61-63; admin. asst. computer sales appl. Dynamics Int., 63-64; asst. prof. econ, Bowdoin Col., 69-70; ECONOMIST, TEMPO, Gen. ELEC. CO., 70-Consult. Rand Corp., 65-69. U.S.A.F.R., 59-65. Econ. Assn.; Latin Am. Studies Assn. Development planning; project analysis; rural cooperative credit; microeconomic theory. Publ: Un modelo economico sobre los incentivos para solicitar credito en las cooperativas de ahorro y prestamo, Economia, 12/68. Address: TEMPO, General Electric Co., Santa Barbara, Calif. 93102.
- HOLMES, PROF. JACK E., b. Kemmerer, Wyo., Aug. 15, 16; m. 41; c. 2. POLITICAL SCIENCE. B.A. Wyoming, 40; M.A., 45; Ph.D. (polit. sci.), Chicago, 64. Asst. prof. polit. sci., New Mexico, 46-51; dir. N.Mex. Legis. Coun. Serv., 51-59; asst. to Rep. state chmn., N.Mex. 59-60; assoc. prof. pub. admin., Nevada, 62-63; PROF. POLIT. SCI., TENNESSEE, KNOXVILLE, 63-Soc. Sci. Res. Coun. fel., 57-58. Chief, N.Mex. Tax Cmn., 51-62. Mem. Nat. Sci. Found. NASA, Tenn. Valley Authority & State of Tenn. sci. policy res. team, 69-70. Polit. Sci. Assn. Politics and public policy; the politics of science; civic and political characteristics of scientists and technologists. Publ: Politics in New Mexico, Univ. N.Mex., 67. The public land question in New Mexico, 47 & Science town in the politics of New Mexico, 67, Div. Govt. Res. Univ. N.Mex. Address: Dept. of Political Science, University of Tennessee, Knoxville, Tenn. 37916.
- HOLMES, DR. JOHN H., b. Cincinnati, Ohio, Jan. 6, 38; m. 62; c. 2. MARKETING. B.S. Notre Dame, 59; M.B.A. Cincinnati, 60; Ph.D. (comm.), Mich. State, 67. Mkt. analysis, Lincoln-Mercury Div., Ford Motor Co., 60-62; ASST. PROF. MKT., BOWLING GREEN STATE, 65. Fulbright-Hays lectr., Turkey, Finland, 68; Found. Econ. Ed. fel., 69; Bowling Green Univ. res. grant, 69. U.S.A.F. 66. Mkt. Assn. Diffusion of innovations; communications research; product market integration. Publ: Tuotesuunnittelun systeemin runko, Jyväskylä, Helsinki, 69; A note on the product adoption process, Bull. Bus. Res., Ohio State Univ., 7/69; Selected areas of decision making confronting the marketing oriented executive, Mem. 12, Handelshögskolan vid Abo Akademi, Turku, summer 69. Address: Dept. of Marketing, Bowling Green State University, Bowling Green, Ohio 43402.
- HOLMES, JOHN W., b. London, Ont., June 18, 10. INTERNATIONAL AFFAIRS. B.A. Western Ontario, 32; M.A. Toronto, 33. London, 38-40. First secy. Can. House, London, 44-47; chargé d'affaires, Can. Embassy, Moscow, 47-48; acting permanent rep. to UN, 50-51; mem. directing staff, Nat. Defence Col., Can., 51-53; asst. Under-Secy. of State for External Affairs, Ottawa, 53-60. DIR. GEN. CAN. INST. INT. AFFAIRS, 60- Res. Assoc., Duke, 60; via. prof., Toronto, 67-71; via. res. fel., Carnegie Endowment for Int. Peace, European Centre, Geneva, 69. Mem. coun. Int. Strategic Studies, 64-; mem. bd. trustees, UN Inst. Training & Res., 67- Serv. medal, Order of Can., 69. Can. Hist. Assn.; Can. Polit. Sci. Assn. Canadian foreign policy; international mediation. Publ: Canada and China, In: Policies towards China: a view from six nations, Praeger, 68. Growing independence in Canadian-American relations, For. Affairs, 67 & Fearful symmetry: the dilemmas of consultation and coordination in NATO, Int. Orgn. 68. Address: Canadian Institute of International Affairs, 31 Wellesley St. E., Toronto 284, Ont., Can.
- HOLMILUND, DR. WALTER S. Educational Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69. Dept. of Behavioral Sciences, Lake Superior State College, Sault Ste Marie, Mich. 49783.
- HOLSTI, DR. OLE. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New publ: Co-auth. & co-ed. The analysis of communication content: developments in scientific theories and computer techniques, Wiley, 69. Address: Dept. of Political Science, University of British Columbia, Vancouver 8, B.C., Can.
- HOLT, DR. H(OWARD) O(LIVER). Educational Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 2 Jackson Dr., Cranford, N.J. 07016.
- HOLT, DR. J(AMES) M(ILBURN). Clinical Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also practicing clinical psychologist. Address: Orthopaedic Hospital, 2400 S. Flower, Los Angeles, Calif. 90007.
- HOLT, DR. JOHN, b. Roswell, N.Mex., Dec. 4, 38; m. 61. AGRICULTURAL ECONOMICS. B.S. Texas Tech. Col., 61, M.S. 66; Ph.D. (agr. econ), Texas A&M, 69. ASST. PROF. AGR. ECON, FLORIDA, 69- Management, labor motivation, land values, production costs—crops and livestock. Address: Dept. of Agricultural Economics, University of Florida, Gainesville, Fla. 32601.
- HOLT, PHILLIP (CHRISTIAN). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Retired; now independent consult. Address: 8105 Kerry Lane, The Hamlet, Chevy Chase, Md. 20015.
- HOLT, PROF. ROBERT R(UTHERFORD). Clinical & Personality Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: No longer co-dir., res. center. ment. health, N.Y. Univ. Address: Dept. of Psychology, New York University, Washington Square, New York, N.Y. 10003.
- HOLTZ, DR. JAMES N. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Prof. econ, Fed. Exec. Inst., 69-; vis. assoc. prof. govt., Virginia. Address: Federal Executive Institute, Thomas Jefferson Inn, Route 29, North Charlottesville, Va. 22903.
- HOLTZMAN, DR. WAYNE (HAROLD). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Pres., 70-. Hogg Foundation for Mental Health, University of Texas at Austin, Austin, Tex. 78712.
- HOLZMAN, PROF. PHILIP S. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Prof., Chicago, 69-; training psychoanalyst, Chicago Inst. of Psychoanal. Address: University of Chicago, 950 E. 59th St., Chicago, Ill. 60637.
- HOMAN, DR. A. GERLOF. Agricultural Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. econ & dir., 68-. Bureau for Business & Economic Research, University of Oklahoma, 307 W. Brooks St., Room 4, Norman, Okla. 73069.
- HONDRUD, PRES. JON OLAF. Philosophy, Literature. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- HONEA, DR. KENNETH (HOWARD), b. San Antonio, Tex. July 25, 30; wid. c. 1. CULTURAL ANTHROPOLOGY, ARCHAEOLOGY. Ph.D. (anthrop.), Vienna, 58. Dir., Wenner Gen. Found. Anthropol., European hq., Gluggnitz, Austria, 58-59; staff archaeologist, Texas, Austin, 60-62; res. archaeologist, Mus. N. Mex., Santa Fe, 62-67; ASSOC. PROF. ANTHROP., Texas Tech., 67-69; NORTHERN ILLINOIS, 69- Wenner Gen. Found. res. grant, 58; Wenner Gen. Found. Richard C. Hunt Mem. fel., 58-59; Nat. Sci. Found. grants, 62, 66. Med.C. U.S.A., 46-48. Anthropol. Assn. Prehistoric technology; nature and development of prehistoric cultures in American Southwest, Africa and Europe; culture change in contemporary societies; primitive religions. Publ: Morphology of scrapers and their methods of production, Southwest. Lore, 65; Material culture of prehistoric Cochiti district sites, In: The Cochiti Dam, Mus. N. Mex. Res. Records, 66; Rio Grande complex and the north plains, Plains Anthropologist, 69. Address: Dept. of Anthropology, Northern Illinois University, De Kalb, Ill. 60115.
- HONEY, DR. JOHN C. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: V-pres., res. & govt. affairs, 69-, Syracuse University, Administration Bldg., Syracuse, N.Y. 10021.
- HONKALEHTO, PROF. OSWALD. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Ph.D. (econ), Mass. Inst. Tech., 69. Assoc. prof., 69-, Dept. of Economics, Colgate University, Hamilton, N.Y. 13346.
- HOOD, DR. RALPH W., JR., b. July 12, 42; U.S. citizen; m. 60; c. 2. SOCIAL PSYCHOLOGY. B.A. California, Los Angeles, 64; M.A. Calif. State Col. Los

- Angeles, 66; NASA fel, Nevada, Reno, 66-68, Ph.D. (soc. psychol), 68. Lectr. & res. assoc. PSYCHOL, Nevada, Reno, 68-69; ASST. PROF, S.DAK. STATE, 69. Psychol. Asn. Soc. Sci. Study Relig. Personality; philosophical psychology; methodology. Publ: On creativity as defined by the remote associates test, Psychol. Reports, 69 & Effects of foreknowledge of death in the assessment from case history material of intent to die, J. Consult. & Clin. Psychol, 70; co-auth, Associative clustering and performance on the remote associates test, J. Exp. Res. Personality, 70. Address: Dept. of Psychology, South Dakota State University, Brookings, S. Dak. 57006.
- HOOD, DR. WILLIAM C (LARENCE). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. dep. minister finance, 700, Government of Canada, Wellington St. Ottawa, Ont. Can.
- HOOK, DEAN RALPH C. JR. Business Administration. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Dean, 68-, College of Business Administration, University of Hawaii, 2500 Campus Road, Honolulu, Hawaii 96822.
- HOKE, DR. JAMES F (REDERICK), b. Lowell, Mass. Jan. 15, 35; m. 66; c. 1. PSYCHOLOGY. A.B. Brandeis, 57; U.S. Pub. Health Serv. fel, Nebraska, 64, Ph.D. (psychol), 66. Instr. psychiatrist, med. center, Kansas, 65, ASST. PROF, 65-67; PSYCHOL, Georgia, 67-70; VA. COMMONWEALTH UNIV, 70- Training consult, Cent. State Hosp, Milledgeville, Ga. 67-68; res. consult, Manpower Develop. & Training Center, Buford, 68- Psychol. Asn. Soc. Prof. Tech. & Personality Assessment. Objective personality assessment; juvenile delinquency; personality prediction. Publ: Co-auth, MMPI characteristics of pregnancy, J. Clin. Psychol, 62 & Personality characteristics of successful police sergeant candidates, J. Criminal Law, Criminal. & Police Sci, 70; auth, Rating delinquent behavior, Psychol. Reports, 70. Address: Dept. of Psychology, Virginia Commonwealth University, Richmond, Va. 23220.
- HOOKS, DR. JANET M. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, 69-, Dept. of Economics, Eastern Illinois University, Charleston, Ill. 61920.
- HOOPES, DR. PAUL ROGER. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 1118 Lake St, Venice, Calif. 90291.
- HOOSE, PROF. IDABELLE PETERSON. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: J.D. Akron, 69. Assoc. prof, 69-, Dept. of Psychology, Kent State University, Kent, Ohio 44240.
- HOOPER, DAVID B (EALL). Biometrics, Public Health. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Chief manpower resources br, 68-, Division of Allied Health Manpower, National Institutes of Health, 9000 Rockville Pike, Bethesda, Md. 20014.
- HOPE, PROF. A (SHELEY) GUY. Social Science, International Affairs. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. polit. & prog. dir, 69-, St. Andrews Presbyterian College, Laurinburg, N.C. 28352.
- HOPE, JOHN, II. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Asst. dir. planning off. civil rights, Dept. Health, Ed. & Welfare, 68- Address: 360 N. St. S.W., Washington, D.C. 20024.
- HOPE, DR. RICHARD OLIVER, b. Atlanta, Ga. Apr. 1, 39; m. 64; c. 2. SOCIOLOGY, RELIGION. B.A. Morehouse Col. 61; M.A. Syracuse, 67. Ph.D. (sociol. of relig), 69. Instr. SOCIOL, Syracuse, 64-65 & summer 67; Onondaga Community Col. 67-68; BROOKLYN COL, 68-69, ASST. PROF. 70- Res. assoc. Metrop. Appl. Res. Center, 68- Sociol. Asn. Soc. Study Social Probs; Soc. Sci. Study Relig. Sociology of religion; urban sociology; problems of human education. Publ: Co-auth, Integrating racially imbalanced urban public schools, U.S. Off. Ed, 67. Address: Dept. of Sociology, Brooklyn College, Flatbush & Nostrand Ave, Brooklyn, N.Y. 11210.
- HOPKIN, DR. JOHN A (LFRED). Agricultural Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also dir. agr. finance prof, 69-, University of Illinois, 305 Mumford Hall, Urbana, Ill. 61801.
- HOPKINS, DR. ANNE H, b. New York, N.Y. Aug. 17, 41; m. 65. POLITICAL SCIENCE. B.A. Syracuse, 63, M.A. 65, Ph.D. (polit. sci), 69. Res. assoc. POLIT. SCI, Syracuse, 67-68; ASST. PROF, HOBART & WILLIAM SMITH COLS, 68- Nat. Sci. Found. faculty res. grant, 68-70. Polit. Sci. Asn. Comparative state politics; American political behavior; quantitative methods. Publ: Co-auth, Politics and organization in water resource administration: a comparative study of decisions, Water Resources Res, 65. Address: Dept. of Political Science, Hobart & William Smith Colleges, Geneva, N.Y. 14456.
- HOPKINS, PROF. BERT EARL. Law. See 5th ed, Dir. of Am. Scholars, Vol. IV, Philos, Relig. & Law.
- HOPKINS, DR. CHARLES E (BERT), b. Atlanta, Ga. Mar. 22, 31; m. 53; c. 2. SOCIOLOGY, EDUCATIONAL PSYCHOLOGY. A.B. Furman, 51, M.Ed. Emory, 59; Ed.S. Georgia, 63, Ed.D. (ed. psychol), 64. Teacher, pub. schs, Ga. 52-59, couns, 59-61, dir. guid. & testing, 61-66; assoc. dir. Ga. Ed. Improv. Coun, 66-67; ASSOC. PROF. SOCIOL, GEORGIA STATE, 67- Consult, southeast, region, U.S. Civil Serv. Cmn, 68- Ed. Urban & Regional Affairs, 68-69; mem. adv. bd. & ed. bd. Guid. Res. Group, 64-67. U.S.A. 54-55, Res. 55-62. Nat. Coun. Measurement in Ed; Inst. Urban & Regional Affairs. Statistical prediction techniques for identifying potential high school dropouts; values and value structures of college and secondary school students. Publ: Co-auth, Determinants of opportunities in Georgia, Ga. Ed. Improv. Coun, 67; auth, Using TV in career guidance, Nat. Asn. Ed. Broadcasters, J, 11/66 & Conservation of human resources: identifying the potential school dropout, Urban & Regional Affairs, J, 5/69. Address: Dept. of Sociology, Georgia State University, 33 Gilmer St. S.E., Atlanta, Ga. 30303.
- HOPKINS, DR. RONALD HERBERT, b. Marshalltown, Iowa, Oct. 16, 41; m. 64; c. 2. EXPERIMENTAL PSYCHOLOGY. B.S. Iowa State, 63; Nat. Defense Ed. Act fel, Iowa, 65-67, M.A. 66, Ph.D. (psychol), 67. Assoc. engr. Boeing Co, Seattle, 63; jr. physicist, Atomic Energy Cmn. Ames Lab, Iowa State, 63-64; res. assoc. PSYCHOL, inst. math. studies in social sci, Stanford, 67-68; ASST. PROF. STATE UNIV, N.Y. Binghamton, 68-69, WASHINGTON STATE, 69. Lectr. Calif. State Col. Hayward, 68. AAAS; Psychol. Asn. Human learning and memory; verbal learning; mathematical models of learning and memory. Publ: Co-auth, First-letter clues in the retrieval of proper names from long-term memory, Psychol. Reports, 23: 851-866. Priming and the retrieval of proper names from long-term memory, Psychonomic Sci, 11: 219-220 & Meaningfulness in paired-associate recognition learning, J. Exp. Psychol, 79: 533-539. Address: Dept. of Psychology, Washington State University, Pullman, Wash. 99163.
- HOPPER, DR. JACK, b. Mineola, Tex. Apr. 25, 28; m. 61. ECONOMICS. B.S. Tex. Tech. Col, 51; M.A. Texas, Austin, 64, Ph.D. (econ), 66. Process engr. Phillips Chem. Co, Tex. 53-56; sales engr. Duriron Co, Inc. 56-60; economist, Brown & Root, Inc. 65-67; INDUST. ECONOMIST, SPINDELTOP RES. INC, 67- Econ. Asn. Research in economic development and industrial economics. Address: 805 Malabu Dr, Lexington, Ky. 40502.
- HOPPOCK, PROF. ROBERT. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 74 South Bldg, New York University, New York, N.Y. 10003.
- HORAN, DR. MICHAEL JAMES. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 802 S. 24th St, Laramie, Wyo. 82070
- HORN, DR. DANIEL. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: U.S. Public Health Service, 5600 Fisher Lane, Parklawn Bldg, Rockville, Md. 20852.
- HORN, DR. JOHN LEONARD. Psychology, Psychometrics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Prof. psychol. Denver, 69-; Nat. Inst. Ment. Health grants, 68-73. Address: 196 S. Corona St, Denver, Colo. 80209.
- HORN, DR. WOLFGANG O, b. Oepeln, Germany, Mar. 20, 19; m. 64; c. 6. PSYCHOLOGY. B.S. Marburg, 50, M.S. 51, Ph.D. (psychol), 61; Salzburg Seminar in Am. Studies, summer 50. Clin. psychologist, Dept. Justice, Fed. Repul. W.Germany, 53-67; res. assoc. PSYCHOL lab, personality & group anal, dept. psychol. Illinois, Champaign, 68; ASSOC. PROF, WIS. STATE, STEVENS POINT, 68- German Army, 37-47, Sgt. AAAS; Psychol. Asn. Intelligence of children of different social classes; structure of intelligence and personality; intercultural comparisons; prediction of achievement and criminal offenses; creativity; development of tests. Publ: Begabungssystem (BTS), 56, Leistungssystem (LPS), 61 & Pruefsystem fuer Schul und Bildungsberatung (PSB), 69. Verlag fuer Psychologie, Dr. C. J. Hogrefe, Goettingen, W.Germany. Address: Classroom Center, Wisconsin State University, Stevens Point, Wis. 54481.
- HORNBECK, DR. FREDERICK WILLIAM, b. Buffalo, N.Y. Feb. 27, 40; m. 62; c. 1. SOCIAL PSYCHOLOGY. B.A. Yale, 64, M.S. 66; Ph.D. (psychol), California, Los Angeles, 69. ASST. PROF. PSYCHOL, SAN DIEGO STATE COL. 68- AAAS; Soc. Psychol. Study Social Issues; Psychol. Asn. Attitudinal behavior, particularly consequences of counter-attitudinal advocacy: non-attitudinal determinants of attitudinal behavior. Address: Dept. of Psychology, San Diego State College, San Diego, Calif. 92115.
- HORNER, PROF. GEORGE (ROLAND). Anthropology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: Boston State College, Boston, Mass. 02115.
- HORNING, PROF. DONALD NEAL MICHAEL, b. South Bend, Ind. Oct. 10, 30; m. 57. SOCIOLOGY. B.A. Kalamazoo Col. 52; M.A. Indiana, Bloomington, 57, Ph.D. (sociol), 63. Instr. sociol. Indiana, Bloomington, 57-60; asst. prof. Ohio, 60-66. Off. Econ. Opportunity grant & assoc. dir. center econ. opportunity, 66; assoc. prof. sociol. Western Michigan, 66-70; assoc. dir. center sociol. res. 67-70; PROF. SOCIOL. & CHMN. DEPT. ST. MARY'S COL (IND), 70- Soc. Study Social Probs. (secy. 68-70). Sociol. Asn. Industrial sociology; blue collar crime; black business leaders. Publ: Co-auth, Directory of black business in Michigan, Bur. Bus. Res. Univ. Michigan, 70; auth, Blue collar theft, In: Crimes against bureaucracy, Van Nostrand, 70. Address: 1324 E. Wayne St. S. South Bend, Ind. 46615.
- HORNING, DR. EDGAR A. American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- HOROWITZ, DR. A (RNOLD) E (LI). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. psychol. Hofstra, 68- Address: 90 Seventh Ave, Sea Cliff, N.Y. 11579.
- HOROWITZ, PROF. IRVING L (OUIS). Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Prof. sociol. & chmn. Livingston Col. Div. Rutgers, 69-; ed-in-chief, Trans-action. Address: Dept. of Sociology, Rutgers, The State University, New Brunswick, N.J. 08903.
- HOROWITZ, DR. IRWIN, b. New York, N.Y. Feb. 2, 39; m. 65; c. 1. PSYCHOLOGY. B.S. Brooklyn Col. 61, M.A. 63; Ph.D. (psychol), Mich. State, 66. ASST. PROF. PSYCHOL, TOLEDO, 66-, res. fel, 69; Psychol. Asn. Group and interpersonal processes, attitudes and behavior; experimental design. Publ: Social responsibility as a function of repression-sensitization, J. Soc. Psychol, 68; Effect of choice and losses of dependence on helping behavior, 68 & Effects of volunteering and fear arousal on attitude changes, 69, J. Personality & Soc. Psychol. Address: Dept. of Psychology, University of Toledo, Toledo, Ohio 43606.
- HORR, DR. DAVID AGEE, b. Lawrence, Kans. Nov. 9, 35; m. 64; c. 1. ANTHROPOLOGY. A.B. Kansas, 57; Fulbright scholar, Vienna, 57-58; Ph.D.



- (anthrop.) Harvard, 69. Field dir. pop. genetics, Western Reserve Univ. Can, 64; lectr. anthrop., Brandeis, 65-66; sr. res. asst. primate behav., Harvard, Borneo, 67-69; res. fel, 69-70; ASST. PROF. ANTHROP. BRANDEIS, 70- U.S. Mil. Serv. 60-66. AAAS; fel. Anthropol. Assn. Human physical and behavioral adaptation and its evolution; primate behavior and ecology. Address: Dept. of Anthropology, Brandeis University, Waltham, Mass. 02154.
- HORRALL, DR. BERNICE (MOODY).** Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Consult, Sch. Psychol. Serv. 69- Address: 891 Lake Dr. Ray, Ind. 46737.
- HORTON, DR. FRANK E.** Geography. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. Institute of Urban & Regional Research, 102 Church St. Iowa City, Iowa 52240.
- HORTON, PROF. PAUL B (URLEIGH).** Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 338 Bayview Lane, Plainfield, Mich. 49080.
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- HORVATH, DR. PETER.** Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 126 N. Broadway, Tarrytown, N.Y. 10591.
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- HOSFORD, PROF. PHILIP L (EWIS), b.** Lincoln, Neb., May 7, 26; m. 47; c. 5. EDUCATIONAL ADMINISTRATION, MATHEMATICS. B.A., New Mexico Highlands, 49, M.A. 53; Ed.D.(ed. admin), Colo. State, 63. Teacher, Roswell City Schs. 50-52, prin. elem. sch. 52-54, dir. instr. 54-63; assoc. prof. ed. & math. NEW MEXICO STATE, 63-66, dir. student teaching, 66-67, prof. elem. & sec. ed. 67-69, PROF. ED. & MATH, 69- Lectr. Dallas County Jr. Col. Dist. Tex. 68-69; Tarrant County Jr. Col. Dist. Ft. Worth, 69. Consult. Las Cruces City Schs. 63-; math. consult. El Paso City Schs. 64-67; small schs. proj. N.Mex. State Dept. Ed. 65; Las Vegas City Schs. 69; Ed. Serv. Corp. D.C. 69. Mem. Gov. Task Force Ment. Serv. 65. U.S.N. 44-46, Res. 49-53; Nat. Guard. 53-58, Capt. Nat. Assn. Supv. & Curriculum Develop.; Nat. Coun. Teachers Math. Publ. Algebra for elementary teachers, Harcourt, 68; A unit of instruction on the P.T.A. N.Mex. Parent-Teachers Assn. 68; Dissert. without dissertation? Perhaps... Ed. Leadership, 69. Address: Dept. of Education & Mathematics, New Mexico State University, Las Cruces, N.Mex. 88001.
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- HOTALING, PROF. EUGENE.** Psychology, Education. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Education Psychology, Valley City State College, Valley City, N.Dak. 58072.
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- HOUSKA, DR. MARY DITTMER, b.** Amityville, N.Y., Sept. 20, 32; m. 53; c. 3. ECONOMICS. S.B. Simmons Col, 54; Ph.D.(econ), Mass. Inst. Tech. 63. Asst. div. controller, Dewey & Almy Chem. Co. Div. W.R. Grace & Co., 54-57; asst. prof. ECON. & head dept. Radford Col, 64-66; ASST. PROF. HOLINS COL, 66. Econ. Assn. Study Soviet-Type Econ. Labor market analysis. Address: Dept. of Economics, Hollins College, Hollins College, Va. 24020.
- HOUSLEY, DR. CARL BLAIR, b.** Pennington Gap, Va., Mar. 30, 39; m. 62; c. 1. ECONOMICS. B.S. East Tenn. State, 62; Fed. Water Pollution Control Admin. fel. Fla. State, 68-69, Ph.D.(econ), 69. Instr. ECON. Florissant Valley Community Col, 64-65; Fla. State, 65-68; ASST. PROF. WALPA-RAISO, 69. Econ. Assn. Economic analysis of water quality legislation. Address: 4117 Fulton Dr. Knoxville, Tenn. 37918.
- HOUSTON, DR. BARRIE KENT, b.** Boulder, Colo., June 11, 39; m. 66; c. 1. CLINICAL PSYCHOLOGY. B.A. Colorado, 61; U.S. Pub. Health Serv. fel. Stanford, 61-62, 62-67, Ph.D.(psychol), 67. ASST. PROF. PSYCHOL., Texas, Austin, 67-70; KANSAS, 70- Consult, Vet. Admin. Hosp. 68- AAAS; Psychol. Assn. Auditory noise and selective attention; resiliency to stress. Publ. Review of the evidence and qualifications regarding the effects of hallucinogenic drugs on chromosomes and embryos, J. Psychiat., 8/69. Noise, task difficulty and Stroup color-word performance, J. Exp. Psychol., 12/69 & Dogmatism and intolerance for sensory discrepancy, J. Soc. Psychol., 5/70. Address: Dept. of Psychology, University of Kansas, Lawrence, Kans. 66044.
- HOUSTON, DR. JOHN P.** Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. 69-, Dept. of Psychology, University of California, Los Angeles, Calif. 90024.
- HOUSTON, DR. SAMUEL ROBERT, b.** Los Angeles, Calif., May 20, 35; m. 63; c. 1. STATISTICS, MATHEMATICS. A.B., California State Univ., 57; M.A. Calif. State, Los Angeles, 61; summers, Nat. Sci. Found. grants, Oregon, 60-64, M.S., 64; Nat. Sci. Found. fel. Colo. State Col, 65-66, Ph.D. (ed. measurement, statist. res) 67. Instr. city schs, Calif., 57-65; res. asst. res. methodology, Colo. State Col, 65-66; prog. assoc. grants div. Charles F. Kettering Found., 66-67, res. specialist, res. & develop. div. 67-68; ASST. PROF. RES. & STATIST. METHODOLOGY, COLO. STATE COL, 68- Fel. statist. & psychol. California, Los Angeles, 67; consult, CFK, Ltd, Colo., 68- U.S.A.F. 58-65. Ed. Res. Assn.; Statist. Assn.; Math. Assn. Am. Judgment analysis; policy capturing models; success in graduate education. Publ. Co-auth. Action research for the classroom teacher, Brown Bull, 69, The use of the judgment analysis technique in predicting success in graduate education, Calif. J. Ed. Res. 9/69 & Teaching effectiveness in culturally deprived junior high mathematics classes, J. Exp. Ed., fall 69. Address: Dept. of Research & Statistical Methodology, Colorado State College, Greeley, Colo. 80631.
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- HOVDE, PROF. HOWARD T (HRUNE).** Economics, Marketing. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Vis. prof. mkt. col. bus. admin, Florida, 69- Address: 145 Barnegat Blvd, Beachwood, N.J. 08722.
- HOVEY, DR. J (JUSTUS) ALLAN, Jr.** b. Cambridge, Mass., May 13, 22; m. 48; c. 1. POLITICAL SCIENCE, INTERNATIONAL RELATIONS. A.B., Swarthmore Col, 48; cert. Grad. Inst. Int. Studies, Geneva, 48; M.A. Columbia, 50, Ph.D. (int. rels. law), 65. Study dir. Coun. For. Rel. New York, N.Y., 51-52; exec. dir. Am. Cmt. on United Europe, New York & Paris, 52-60; govt. rels. rep. Olin Mathieson Chem. Corp, Wash, D.C. 60-65; Wash. dir. Allen & Murden, Inc., 65-66, V.PRES. FREE EUROPE, INC., 68- Lectr. Manhattan Commun. Col, 69- Mem. bd. Atlantic Coun. U.S., Wash, D.C. 62- U.S.A. 43-46, 1st Lt. Coun. For. Rel.; Polit. Sci. Assn. Soc. Int. Develop. United States foreign policy; East-West relations; international organizations. Publ. The superparliaments: interparliamentary consultation and Atlantic cooperation, Praeger, 66; Industrial Africanization—a case report, Africa Report, 63. Address: 10 Park Ave. New York, N.Y. 10016.
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- HOWARD, PROF. BION B (RADBUY).** Finance. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Graduate School of Management, Northwestern University, Evanston, Ill. 60201.
- HOWARD, DR. JAMES L (AWRENCE), b.** Glen Ellyn, Ill., Nov. 30, 41; m. 63. PSYCHOLOGY. B.A. North Carolina, 63; Nat. Defense Ed. Act fel. Tulane, 65-68, M.S. 69; Ph.D. Psychol., 68. ASST. PROF. PSYCHOL., DEPAUL SY-CHIAU, SCH. MED. NORTH CAROLINA, CHAPEL HILL, 68- President's Cmn. Pornography & Obscenity study grant, 69-70. Psychol. Assn. Soc. Psychophysiol. Res. Relationship between physiological and psychological mechanisms, especially the autonomic nervous system and behavior. Publ. Co-auth. Physiological and psychological effects of pornography, President's Cmn. Obscenity & Pornography, 70; Preparatory cardiac changes: a psychobiological approach, In: Classical conditioning II, Appleton, 70 & The cardiac-somatic relationship: some reformulations, Psychophysiol, 70. Address: Dept. of Psychiatry, University of North Carolina School of Medicine, Chapel Hill, N.C. 27514.
- HOWARD, PROF. JOHN A (RNOLD).** Marketing. See A-K Vol, 11th ed, Soc. & Behav. Vols. New publ. Co-auth. The theory of buyer behavior, Wiley, 69. Address: School of Business, Columbia University, 524 Uris Hall, New York, N.Y. 10027.
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- HOWE, DR. CHARLES WARREN.** Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Correction: Dir. water resources prof. 65- Resources for the Future Inc, 1755 Massachusetts Ave. N.W., Washington, D.C. 20036.

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- HOWELL, DR. DAVID CHARLES, b. Buffalo, N.Y. June 29, 41; m. 63; c. 1. PSYCHOLOGY. B.A., Middlebury College, 63; M.S., Tulane, 65, Ph.D.(psychol), 67. ASST. PROF. PSYCHOL. VERMONT, 67- Univ. Vermont Nat. Sci. Found. Inst. grant, 67-68. A.A.S. Psychol. Assn. Psychological statistics; verbal learning; decision making. Publ: Co-auth, Association rules in the prediction of recall from free-association matrices, Psychol. Bull., 70: 201-209; auth, Normative and idiosyncratic sources of recall and misrecall, 80: 85-90 & Free-association reliability as a function of response strength, (in press), J. Exp. Psychol. Address: Dept. of Psychology, University of Vermont, Burlington, Vt. 05401.
- HOWELL, PROF. JOHN C. Christian Ethics. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- HOWELL, PROF. JOHN M(CADE). International Law & Relations. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dean, 69-, Graduate School, East Carolina University, Box 2733, Greenville, N.C. 27834.
- HOWELL, DR. RICHARD W(ESLEY), b. Berkeley, Calif, Sept. 6, 26; m. 48; c. 4. ANTHROPOLOGY, LINGUISTICS. A.B. California, Berkeley, 49, Ph.D.(anthrop), 67; M.A., Hawaii, 51; George Washington, 54-57; Kyushu, 58-59. Analyst intcl, Nat. Security Agency, 53-58; tech. consult. cryptology, Amer. Security Agency, 58-62; asst. prof. anthrop, Richmond Col.(N.Y.), 67-69; ASSOC. PROF. social, Saskatchewan, 69-70; ANTHROP. HAWAII, HILO, 70- U.S. Off. ed. grant, 68-69. U.S.A., 45-46, S/Sgt. Anthrop. Assn. Linguistically oriented approaches to human behavior, sociolinguistics, psycholinguistics and ethnolinguistics. Publ: A study of informal learning, U.S. Off. ed., 69; Linguistic choice levels of social change, Am. Anthropologist, 68; co-auth, Hesitation in the production of speech, J. Gen. Psychol., 69. Address: c/o Benn, 406 Tenth St, Antioch, Calif. 94509.
- HOWELL, PROF. WILLIAM HARRY, b. Wilson, N.C. Feb. 14, 21; m. 61; c. 1. SOCIOLOGY. A.B. J.C. Smith Univ, 43; M.A., Atlanta, 47; Case Western Reserve, 49-50; Ph.D.(sociol), Ohio State, 57. Assoc. prof. SOCIOL. S.C. State Col., 53-57, prof, 57-61, chmn. dept, 60-61; PROF. NORTH CAROLINA CENTRAL, 61-, CHMN. DEPT., 66- Co-prin. investr, Nat. Inst. Ment. Health res. grant, 63-64. Qm.C. U.S.A., 43-46, Sgt. Fel. Sociol. Assn. Race relations, age and role participation. Publ: Co-auth, Role characteristics of flexible and inflexible retired persons, Sociol. & Soc. Res., 1/65 & The problems of role adjustment of the retired, Varia, 5/69. Address: Dept. of Sociology, North Carolina Central University, Box 19701, Durham, N.C. 27707.
- HOWLAND, PROF. RICHARD HENRY, b. Grand Rapids, Mich, Mar. 27, 25; m. 58; c. 6. MARKETING. B.A., Michigan, 49, Ph.D., 64; M.S., Simmons Col., 50. Coordinator retailing & Eng. Cent. & Creston High Schs. & Grand Rapids Jr. Col., 50-55; assoc. prof. mkt. & head dept, Ferris State Col., 55-64; PROF. MKT. & HEAD DEPT., NORTHERN ILLINOIS, 64- Pres, Howland Enterprises, 63; R.H. Howland & Assocs., 65-, founder & pres, Four-Way Selling, 67- U.S.A.A.P., 43-45, T/Sgt; Presidential Citation, Air Medal & Six Oak Leaf Clusters. Mkt. Assn; Sales & Mkt. Execs. Int. Marketing feasibility studies; sales training and executive development seminars. Publ: Co-auth, Principles of marketing, Pitman, 61; auth, Promote properly or perish, Mich. Retailer's Annual J., 62. Address: 364 Rolfe Rd, De Kalb, Ill. 60115.
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- HOYT, PROF. KENNETH BOYD. Counseling, Guidance. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-, College of Education, University of Maryland, College Park, Md. 20740.
- HSIANG, DR. PAUL S. Philosophy. See 5th ed, Dir. of Am. Scholars, Vol. IV, Philos, Relig. & Law.
- HSIAO, DR. FRANK SHENG-TIEH, b. Taiwan, Sept. 14, 33; m. 68. ECONOMICS. B.A., Taiwan, 56, M.A., 59; fel, Rochester, 61-64, M.A., 64, Ph.D.(econ), 67. Vis. asst. prof. ECON. COLORADO, 66-67, asst. prof, 67-69, ASSOC. PROF., 69- Summers, res. grant, Colorado, 68, res. initiation faculty fel, 69. Econ. Assn; Statist. Assn; Economet. Soc; Royal Econ. Soc. Economic theory; mathematical economics; mathematical models of economic growth and development; optimal growth; technological changes. Publ: Technical progress and the production function, a synthesis. In: Papers in quantitative economics, Univ. Kansas, 68; Some notes on the elasticity of substitution, Am. Econ. Rev., 69; The diagrammatical representation of con-
- fidence interval estimation and hypothesis testing, Am. Statistician, 70. Address: Dept. of Economics, University of Colorado, Boulder, Colo. 80302.
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- HUBBARD, DR. CHARLES W(ALTER), b. Houston, Tex, Oct. 24, 40; m. 60; c. 2. BUSINESS ADMINISTRATION. B.B.A., Houston, 63, M.B.A., 65; Am. Risk & Ins. Assn. summer fel, Arkansas, 68, Ph.D.(bus. admin), 70. Instr. mgt, Arkansas, 67-68; ASST. PROF. MKT., Bowling Green state, 68-70; KANSAS STATE, 70- U.S.A.R., 63-69. Problems of sales force turnover and monetary allocations to advertising and sales promotion programs, measuring the effects of such allocations. Publ: Cut your advertising budget lately? Bur. Bus. Serv. & Res. Eastern Michigan, 69; The shelving of increased sales, J. Retailing, winter 69-70; The college market: rich if you can reach it, Ins. Salesman, 3/70. Address: College of Commerce, Kansas State University, Calmar Hall, Manhattan, Kans. 66502.
- HUBBARD, DR. HAROLD G(ENE). Social Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Consult. prin, Fry Consults, Inc., 68- Address: California State College at Long Beach, Long Beach, Calif. 90804.
- HUBER, DR. GEORGE P., b. St. Louis, Mo, Sept. 22, 36; m. 60; c. 3. INDUSTRIAL ENGINEERING, ORGANIZATION THEORY. B.S., Missouri, 58, M.S., 61; Ph.D.(indust. eng), Purdue, 66. Stress analyst, Emerson Elec. Mfg. Co., 59, reliability engr, 59-60; area indust. engr, Procter & Gamble Mfg. Co., 61-62, dept. mgr. prod, 62-63; instr. indust. eng, Purdue, 64-65; asst. prof, WISCONSIN, MADISON, 65-66. ASSOC. PROF. PROD. MGT., 66- U.S.A., 58-59, 1st Lt. Inst. Mgt. Sci; Inst. Indust. Eng. Organization theory; behavioral decision theory; personnel staffing systems design, job design, productivity and motivation analysis; wage and salary administration. Publ: Co-auth, A computer aided approach to employment service placement and counseling, Mgt. Sci., 7/69, A study subjective evaluation method, 70. Census dir, Delaware, 63-64. Instr. SOCIOL. PA. State, 64-66, prof. dir, U.S. Off. ed. & Pa. State, 68-69; res. asst., Pa. State, 69; sr. res. scientist, N.Y. State Dept. Soc. Serv., 69-70; ASST. PROF. URBAN STUDIES, AKRON, 70- Sociol. Assn. Sociology of occupations and professions; higher education; social services delivery systems. Publ: A process approach to the professionalization of



- sociology, Et Al, summer 68; The occupational roles of college professors, Mongr, U.S. Govt, 70. Address: Dept. of Urban Studies, University of Akron, Akron, Ohio 44304.
- HUBER, DR. WOLFGANG KARL. Psychiatry. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- HUCKABEE, PROF. MALCOLM WAYNE, b. Olton, Tex, Nov. 22, 34; m. 57; c. 3. PSYCHOLOGY. B.A. Miss. Col, 56; Fulbright fel, Edinburgh, 56-57; B.D. Southwest Baptist Theol. Sem, 60; M.A. Texas Christian, 61; Nat. Sci. Found. fel. & Ph.D. (psychol), Southern Mississippi, 65. Dir. rehab. Goodwill Industrs. Fl. Worth, Tex, 57-61; counselor, guid. center, Texas Christian, 61; instr. psychol, Judson Col, 61-63, asst. prof. psychol. & chmn. instrl. rels, 63-66; assoc. prof. psychol, SOUTHERN MISSISSIPPI, 66-68, PROF. PSYCHOL. & DIR. GRAD. STUDIES PSYCHOL, 68-68. AAAS; Soc. Sci. Study Relig. Psychol. Assn. Cognitive styles; individual differences in perception; adaptation level theory; correlates of academic performance; judgements of religious symbols; religious development. Address: Dept. of Psychology, University of Southern Mississippi, Hattiesburg, Miss. 39401.
- HUCKINS, PROF. WESLEY CONRAD, b. Sundance, Wyo, Aug. 12, 18; m. 42; c. 4. GUIDANCE & COUNSELING. B.S. Ed, Black Hills State Col, 53; M.A., Wyoming, 55, Nat. Defense Ed. Act fel, 60-63, E.D.D. (counseling, guid), 63. Instr. high sch, Wyo, 45-47; indust. arts, Black Hills State Col, 53-54; supt. schs, Sundance Pub. Schs, 55-59; counsr, Sheridan High Sch, 59-60; instr. gen. psychol, Univ. Wyoming, 62-63; assoc. prof. GUID. & COUNSELING, Ore. State Syst. Higher Ed, 63-68; PROF. WRIGHT STATE, 68- Res. consult, Inst. Devel. Ed. Activities, Kettering Found, 67-68. U.S.A.A.F., 41-45, 1st Lt. Psychol. Assn. Personnel & Guid. Assn; Asn. Counsr. Ed. & Supv. Legal and ethical status of school counselors; interaction processes in classrooms and in small groups. Publ: Co-auth, Readings in educational psychology, Int. Textbook, 66 & Readings in human development, Allyn & Bacon, 67, 2nd ed, 71; auth, Legal and ethical aspects of guidance, Houghton, 68. Address: 2309 Randy Dr, Kettering, Ohio 45440.
- HUDDLE, DR. DONALD L(eROY). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn., 69-. Dept. of Economics, Rice University, Houston, Tex. 77001.
- HUDDLESTON, PROF. DWIGHT L., b. Rose Hill, Ill, Nov. 11, 08; m. 46; c. 1. GEOGRAPHY. B.S. Ed. & M.S. Ed, Eastern Illinois, 60; summers, Indiana State, 65-66, Ouachita Baptist, 67. Teacher pub. schs, Ill, 28-38; meat inspector, U.S. Bur. Agr. Econ, 38-41, 46-47 & 48-50; supvr. technicians, Mex-Am. Cmn. for Eradication of Hoof & Mouth Disease, Mex. Bur. Agr. Econ, 48-50; self-employed, 50-56; prin. pub. schs, Ill, 57-58; ASSOC. PROF. GEOG. SOUTHERN STATE COL (ARK), 62- Consult, Am. Inst. Urban & Regional Affairs, 68- Med. C. U.S.A., 41-46, M/Sgt. Asn. Am. Geog. & Am. Geog. Soc; Am. Inst. Urban & Regional Affairs; Nat. Coun. Geog. Ed. The Panuco River Basin and its economic development; China and the American predicament in Viet Nam; the impact of the Eljido system on social consciousness in Mexico. Address: Dept. of Geography, Southern State College, Magnolia, Ark. 71753.
- HUDSON, DR. CHARLES MELVIN, JR, b. Monterey, Ky, Dec. 24, 32; m. 68; c. 2. ANTHROPOLOGY, ETHNOHISTORY. A.B. Kentucky, 59; Woodrow Wilson Found. fel, North Carolina, 59-60, South. Fel. Found. fel, 60-62, Nat. Inst. Ment. Health fel, 63-64, Ph.D. (anthrop), 65. Asst. prof. ANTHROP. GEORGIA, 64-68, ASSOC. PROF., 68- U.S.A.F., 50-54, S/Sgt. Ethnol. Soc; Soc. Ethnohist. History and culture of Indians of Southeastern United States; structure of preliterate and folk belief systems. Publ: The Catawba nation, Univ. Georgia, 70; Isometric advantages of the cradle board, Am. Anthropological, 66; Folk history and ethnohistory, Ethnohistory, 66. Address: Dept. of Sociology and Anthropology, University of Georgia, Athens, Ga. 30601.
- HUDSON, DR. ESTEL H., b. Montevillo, Mo, Oct. 17, 28; m. 55; c. 3. AGRICULTURAL ECONOMICS. B.S. Missouri, 53, M.S., 57, Ph.D. (agr. econ), 62. County agent, Univ. Missouri, 55-56, instr. agr. econ, 57-62; asst. prof., Tennessee, 62-65; ASSOC. PROF. ECON, CENT. MO. STATE COL, 65- U.S.A., 53-55. Agr. Econ. Assn. Planning farms by linear programming and budgeting procedures. Address: Dept. of Economics, Central Missouri State College, Warrensburg, Mo. 64093.
- HUDSON, PROF. JOHN B(OSWELL), b. Decatur, Ill, June 1, 30; m. c. 2. SOCIOLOGY. B.A. Oregon, 52; M.A., Washington (Seattle), 56; Ph.D. (sociol), Cornell, 63. Asst. prof. sociol, Humbolt State Col, 60-61; family rels, Cornell, 61-64; sociol, Lehigh, 64-65; Syracuse, 65-66; res. assoc. med. sch, Harvard, 66-67; res. sociologist, State Dept. Ment. Health, Mass, 67-68; sr. sociologist, Alb. Assoc., Inc. 68-69; asst. prof. SOCIOLOGICAL, 69-70, PROF., 70- Lectr. Boston Col, 66-69; Harvard, 67-69; Soc. Sci. Res. Coun. fel, summer 64. Consult, Nash-Vigier Planning Consults, Inc, Mass, 68; res. consult, Jefferson Med. Col, 64-65. Am. Sociol. Assn; Can. Sociol. & Anthropol. Assn. Theoretical research on creative behavior and the process of organizational innovation; theoretical and methodological studies to optimize process of research and development linking basic research to solution of social problems. Publ: Theory construction as research method, Free Press, 71. Address: Dept. of Sociology, Trent University, Peterborough, Ont, Can.
- HUDSON, DR. ROBERT LEWIS, b. Calico Rock, Ark, Oct. 25, 42; m. 64; c. 2. EXPERIMENTAL PSYCHOLOGY. B.A., Arkansas, 64, NAKASA fela, 65-67, M.A., 66, Ph.D. (psychol), 67. Lectr. PSYCHOL, Cent. Wash. State Col, 67-68; ASST. PROF. MISS. STATE, 68- Consult, bur. Indian affairs summer workshop, Cent. Wash. State Col, 68. Psychol. Assn. Human memory; language processes; verbal learning; thinking. Publ: Category clustering as a function of level of information and number of stimulus presentations, J. Verbal Learning & Verbal Behav., 7: 1106-1122; Category clustering for immediate and delayed recall as a function of recall cue information and response dominance variability, J. Exp. Psychol., 82: 575-577; co-auth, A major modification of the Bousfield (1966) measure of category clustering, Behav. Res. Methods & Instrumentation 1: 110-111. Address: P.O. Drawer PF, Dept. of Psychology, Mississippi State University, State College, Miss. 39762.
- HUDSPETH, DR. WILLIAM JEAN. Psychobiology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- HUEGLI, PRES. ALBERT (GEORGE). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Pres, 68-, Valparaiso University, Valparaiso, Ind. 46383.
- HUESMANN, DR. L. ROWELL, b. Detroit, Mich, Jan. 20, 43; m. 64; c. 1. COMPUTER SCIENCE, PSYCHOLOGY. B.S. Michigan, 64; U.S. Pub. Health Serv. fel, Carnegie Inst. Tech, 65-68, M.S., 67, Ph.D. (sys. sci), Carnegie-Mellon, 69. Data analyst geophysics, Inst. Sci. & Tech. summer 62; res. asst. geophys. Michigan, 63-64; res. asst. sys. sci, Carnegie-Mellon, 64-68; lectr. psychol, YALE, 68-69, ASST. PROF. PSYCHOL. & COMPUT. SCI, 69- Summers, staff scientist, Mitre Corp, 66; participant, workshop in perception & psychophys, 70. Ed. consult, Am. Scientist, 69; Jour. Math. Psychol, 70. Asn. Comput. Mach; Psychol. Assn; Psychomet. Soc. Artificial intelligence; simulation; psychometrics; heuristic programming; man-machine interaction. Publ: Co-auth, Evaluating computer systems through simulation, Comput. Jour, 67; auth, A model for asymmetry of recall in relational triads, Psychonomic Sci, 69 & A study of heuristic learning methods for optimization tasks, Am. Fedn. Info. Processing Societies Proc, 70. Address: Dept. of Psychology, Yale University, New Haven, Conn. 06510.
- HUFF, DR. HARRY BRUCE, b. Pictou, Ont, Nov. 2, 42; m. 66; c. 1. AGRICULTURAL ECONOMICS. B.S.A. Guelph, 65; M.Sc. Mich. State, 67, Can. Coun. fel, 68-69, Ph.D. (agr. econ), 69. Res. asst, Mich. State, 65-69; ASST. PROF. AGR. ECON, GUELPH, 69- Am. Econ. Assn; Am. Agr. Econ. Assn; Can. Econ. Assn; Agr. Econ. Soc. Publ: The Canadian wheat economy, Agr. Econ. Res. Coun, 69; Marketing of Canadian wheat, Agr. Econ. Dept, Mich. State Univ, 69; Canada's future role in the world wheat market, Can. J. Agr. Econ, 2/69. Address: Dept. of Agricultural Economics, University of Guelph, Guelph, Ont, Can.
- HUFF, PROF. RITA BELL, b. Cushing, Okla, Apr. 5, 24. BUSINESS ADMINISTRATION. B.S. Okla. State, 46, M.S., 51; D. Ed bus. ed, Houston, 63. Secy. to chief justice, Okla. State Supreme Court, 46-49; teacher pub. schs, Okla, 49-53; legal secy. & acct. Mul-Berry Oil Co, Okla, 53-54; teacher pub. schs, Tex, 54-56; bus. San Antonio Col, 56-57; PROF. BUS. ADMIN, SAM HOUSTON STATE, 57- Mem. Inst. Certifying Secretaries. Inst. Cert. Pub. Acct; Inst. Cert. Prfnl. Secretaries; Nat. Bus. Ed. Assn. Accounting office management; business education. Publ: Does evaluation in book-keeping bother you?, Bus. Ed. Forum, 3/64; Specialization vs. generalization. Specialized study pays!, Collegiate News & Views, 5/65; Current status of accounting in higher education, Delta Pi Epsilon J, 8/69. Address: Dept. of Business Administration, Sam Houston State University, Huntsville, Tex. 77340.
- HUFFAKER, PROF. CARL L(eO). Psychology, Education. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1601 Oliver St, Apt. 907, Eugene, Ore. 97401.
- HUFFMAN, ARTHUR V(INCENT). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Chief prinl. secy, 70-, Dept. of Corrections, State of Illinois, 201 State Armory Bldg, Springfield, Ill. 62706.
- HUFFMAN, PROF. JAMES FLOYD. Speech, History. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- HUGHES, DR. CHARLES L(LOYD). Industrial Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. corp. indust. rels, 69-, Texas Instruments Inc, P.O. Box 5474, Dallas, Tex. 75222.
- HUGHES, PROF. EUGENE H(ARLEY). Economics, Marketing. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Lec. Sacramento State Col, 68- Address: 6676 Gloria Dr, Sacramento, Calif. 95831.
- HUGHES, PROF. EVERETT (CHERRINGTON). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Vis. prof, Boston Col, 68-71. Address: 27 Shepard St, Cambridge, Mass. 02138.
- HUGHES, DR. HAROLD. Economics, Business Administration. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 812 Eighth St, Orange, Tex. 77630.
- HUGHES, DR. HEDI B(RUNNER), b. Zurich, Switz, May 24, 30; U.S. citizen. PSYCHOLOGY. Matura, Teicherschule, Zurich, Switz, 50; B.A. Westman Col, 54; M.A., Southern Illinois, 62, Ph.D. (clin. psychol), 66. Recreational therapist, Yankton State Hosp, S.Dak, 54-55; rehab. dir, Kane County Tuberc. Sanit. Aurora, Ill, 55-60; res. assoc. behav. modification, Anna State Hosp, Ill, summer 63, clin. intern psychol, 63-64, ward adminstr, 64-66; prin. investr, Inst. Behav. Res, Md, 66-68; ASST. PROF. PSYCHOL, DALHOUSIE, 68- Psychol. Assn; Translators Assn. Human applications of operant conditioning techniques; behavioral therapy and research; learning; language and verbal behavior. Address: Dept. of Psychology, Dalhousie University, Halifax, N.S., Can.
- HUGHEY, DR. JIM DUFF. Speech. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- HUITEMA, DR. BRADLEY E., b. Hammond, Ind, July 28, 38; m. 61; c. 2. PSYCHOLOGY. B.A., Southern Illinois, 61; M.A., Western Michigan, 62, Ph.D. (psychol), Colorado State, 68. Res. psychol., U.S. Army Enlisted Eval. Center, 62-64; asst. res. prof. Teaching Res. Div, Oregon State Syst, 67-68; ASST. PROF. PSYCHOL, WESTERN MICH, 68- Instr. evening div, Ind. Cent. Col, 63- Ed. consult, State Farm Ins. Co, 67-68. Psychol. Assn; Ed. Res. Assn; Statist. Assn. Personnel research; experimental design; mul-

- tivariate analysis; psychometrics. Address: Dept. of Psychology, Western Michigan University, Kalamazoo, Mich. 49001.
- HULBERT, PROF. THOMAS EUGENE, b. F. L. Edward, N.Y., Sept. 1, 35; m. 57; c. 6. INDUSTRIAL ENGINEERING. B.Mgt. E. Rensselaer Polytech. Inst., M.S., Northeastern, 64. Proj. ind. eng. Armstrong Cork Co., Mass., 57-60; sr. ind. eng. ind. comp. div. Raytheon Co., 60-63; ASSOC. PROF. INDUST. ENG. NORTHEASTERN, 63.-ASST. DEAN COL. ENG. 69.-, assoc. dir. off. ed. resources, 67-69. Consult, Raytheon Co., Mass.; Huller Mfg. Co.; McElwain Shoe Co., N.H.; Hersey Sparring Meter Co.; Worthington Controls Co., Mass.; Morgan Memorial-Goodwill Indust. Prin-Eng. Mgt. Assocs., Mass. Inst. Ind. Eng. Soc. Eng. Ed. Computer based learning; systems analysis; knowledge from manufacturing, production, and operations research applied to instructional problem solving. Publ: Co-auth. A systems model for instructional service. In: Handbook for college and university administration, McGraw, 70. Address: School of Engineering, Northeastern University, Boston, Mass. 02115.**
- HULL, PROF. EUGENE L. Economics, Finance. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Dir. bus. & financial affairs, 70.-, Barry College, 11300 N.E. Second Ave, Miami Shores, Fla. 33161.**
- HULSE, PROF. STEWART (HARDING), JR. Experimental Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. 69.-, Dept. of Psychology, Johns Hopkins University, Baltimore, Md. 21218.**
- HUMBARGER, DR. GEORGE LAUREN, b. Decatur, Ind. July 15, 23; m. 47; c. 4. BUSINESS ADMINISTRATION. B.S. Huntingdon Col. 54; M.S. Indiana, Bloomington, 62, Ph.D. 69. Chmn. dept. bus. admin. IND. CENT. COL. 62-69, PROF. BUS. ADMIN. & CHMN. DEPT. BUS. ADMIN. & ECON. 69.- U.S.N. 42-45, Ens. The influence of teaching methods and textbooks on learning achievement of students in accounting. Publ: Elementary bookkeeping, 65 & Introduction to management, 69, Ind. Cent. Col. Address: Dept. of Business Administration & Economics, Indiana Central College, 4001 S. Otterbein, Indianapolis, Ind. 46227.**
- HUMPHREYS, PROF. LLOYD (GIRTON). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. ed. & psychol. no longer head, Dept. of Psychology, University of Illinois, Urbana, Ill. 61801.**
- HUMPHREYS, PROF. WILLIAM BENJAMIN, b. Lexington, Tenn. Apr. 24, 29; m. 31; c. 3. GUIDANCE, COUNSELING. B.A. Murray State Col. 50, M.A. 62; Ed.D. (counseling), Indiana, Bloomington, 67. Teacher, high sch. Tenn., 50-51; Mo., 53-54; mgr. Gideon-Anderson Grain Elevators, 54-61; asst. prof. guid. & counseling, Murray State, 62-65; instr. Nat. Defense Ed. Act Inst. Indiana, Bloomington, 65-68; assoc. prof. GUID. & COUNSELING, MURRAY STATE, 66-69, PROF. & CHMN. DEPT. 69.- Chmn. elem. guid. adv. cmt. State Dept. Ed. Ky, 64-68. U.S.A. 51-53. Personnel & Guid. Assn. Asn. Counsr. Ed. & Supv; Psychol. Assn. Counseling practicum supervision; organization and administration of counseling services. Publ: Guidance in the elementary school, Ky. State Dept. Ed. Bull. 68. Address: Dept. of Guidance & Counseling, Murray State University, Murray, Ky. 42071.**
- HUNERVAGER, DR. S (HERWOOD) (GEORGE). Business Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also assoc. dean, 68.-, College of Business Administration, University of Illinois, Box 4348, Chicago, Ill. 60690.**
- HUNEYCUPT, PROF. ARCHER W (AYBURN), b. Sparkman, Ark. July 5, 31; m. 53; c. 2. MARKETING, ORGANIZATIONAL BEHAVIOR. B.S. Arkansas State, 57; M.B.A. Arkansas, 59, Ph.D. (mkt), 66. Res. asst. bus. & econ. Arkansas, 57-58; instr. bus. Southwest Mo. State Col. 58-61; econ. Arkansas, 61-62; asst. prof. bus. Southwest Mo. State Col. 62-66; instr. econ. Western Illinois, 66; assoc. prof. MKT. Arkansas, 66-67; PROF. LA. POLYTECH, 67.- U.S.A.F. 50-54, S/Sgt. Mkt. Assn. Marketing research and management; consumer behavior; advertising; microeconomics; management; organization behavior. Address: Dept. of Marketing, Louisiana Polytechnic Institute, Ruston, La. 71270.**
- HUNG, DR. FRED C (HIA-CHUN). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. econ. & chmn. East Asian Studies Cmt, 68.-, Dept. of Economics, University of Hawaii, Honolulu, Hawaii 96822.**
- HUNGATE, DEAN ROBERT PAUL. Finance. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Dean, 69.-, School of Business Administration, San Diego State College, San Diego, Calif. 92115.**
- HUNT, DR. JAMES G (ERALD), b. Denver, Colo. Feb. 2, 32; m. 56; c. 3. MANAGEMENT, BEHAVIORAL SCIENCE. B.S. Michigan Tech, 54; M.A. Illinois, 58, Ph.D. (bus), 66. Proj. engr. power develop. sect, Pontiac Motor Div, Gen. Motors Corp, 54-56; personnel asst, Mich. Limestone Div, U.S. Steel Corp, 57-58; instr. bus. admin. W. Va. Inst. Tech, 58-61; asst. prof. MGT, SOUTHERN ILLINOIS, 66-69, ASSOC. PROF. 69.- Ford Found. summer workshop, 68. Acad. Mgt. Applications of behavioral science research to simulated and real organizations. Publ: Fiedler's leadership contingency model: an empirical test in three organizations, Orgn. Behav. & Human Performance, 67; Status congruence in organizations: effects and suggested research, Proc. Acad. Mgt, 67; co-auth. The new look in motivation theory for organizational research, Human Orgn, 69. Address: Dept. of Management, Southern Illinois University, Carbondale, Ill. 62901.**
- HUNT, LEON GIBSON. Operations Research, Applied Mathematics. See Suppl. V to 11th ed, Phys. & Biol. Vols.**
- HUNT, DR. MURIEL EYA, b. Buenos Aires, Argentina. Apr. 12, 34; U.S. citizen; m. 60; c. 1. SOCIAL ANTHROPOLOGY, ETHNOHISTORY. Bachillerato, Womens Univ. Mexico, 52; Sch. Anthropol. Mex, 53-56; M.A. Chicago, 59, Ph.D. (anthrop), 62; fel, Northwestern, 61-62. Res. asst. SOC. ANTHROP, Chiapas Proj, Chicago, 58-60, lectr. univ. 66-68, asst. prof. 68-69; res. assoc. Northwestern, 63-64, ASSOC. PROF. BOSTON, 69.- Nat. Sci. Found. grant, Mex, 63-64. Mem. Intevillage Orgn. Ethnohist. Outstanding**
- new citizen of year citation, Metrop. Coun. Chicago, Ill. 68. Fel. Anthropol. Asn. Social anthropology, especially social organization, peasants and kinship systems; Mexico and Latin America. Publ: Co-auth. Local and territorial units in Middle America, In: Handbook of Middle American Indians. Univ. Texas, Vol. 6, 67; auth. The meaning of kinship in San Juan: genealogical and social models, Ethnology, 69; The socio-political organization of Cuicatcatl Cacicazgos, Peabody Fund, Univ. Texas, (in press). Address: Dept. of Sociology & Anthropology, Boston University, 232 Bay State Rd, Boston, Mass. 02215.
- HUNT, DR. ROBERT CUSHMAN, JR. Anthropology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. 69.-, Dept. of Anthropology, Brandeis University, Waltham, Mass. 02154.**
- HUNT, DR. WILLIAM H (ARRISON). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof. 68.-, Dept. of Political Science, Youngstown State University, Youngstown, Ohio 44503.**
- HUNTER, DR. JOHN EDWARD, b. Dayton, Ohio, Mar. 29, 39; m. 60; c. 2. PSYCHOLOGY. Ph.D. (psychol), Illinois, 64. ASST. PROF. PSYCHOL. MICH. STATE, 64.- AAAS; Psychomet. Soc. Mathematics; learning; psychometrics. Address: Dept. of Psychology, Michigan State University, East Lansing, Mich. 48824.**
- HUNTER, PROF. JOHN M (ERLIN). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also dir. Latin American Studies Center, 70.-, Dept. of Economics, Michigan State University, East Lansing, Mich. 48823.**
- HUNTER, PROF. JOHN ORR. History, Government. See 5th ed, Dir. Am. Scholars, Vol. 1, Hist.**
- HUNTER, DR. STEVEN JOHN. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Exec. v.p.res, Md. Banking Serv. Corp. 70.- Address: 2731 N. Norwood St, Arlington, Va. 22207.**
- HUNTING, DR. C (LARENCE) E (UGENE). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Asst. prof. comput. sci. Pittsburgh, 69.- Address: P.O. Box 7376, Pittsburgh, Pa. 15213.**
- HUNTINGTON, DR. DOROTHY A (LILSON), b. Boulder, Colo. June 1, 20. SPEECH & HEARING SCIENCE, EXPERIMENTAL PHONETICS. B.A. Colorado, 43, M.A. 44; M.S. Illinois, 49, fel. 50-52, Ph.D. (speech sci. exp. phonetics), 52. Instr. SPEECH & HEARING SCI, STANFORD, 52-55, asst. prof. 55-61, ASSOC. PROF. 61.- Consult, Int. Tel. & Tel. Corp. 58-63; Vet. Admin., 64. Fel. Speech & Hearing Assn. Acoustical Soc. Am. Publ: Co-auth. Speech discrimination of hearing-impaired individuals in noise, J. Audit. Res., 65 & An electromyographic study of consonant articulation in hearing impaired and normal speakers, J. Speech & Hearing Res., 68; auth. Anatomical and physiological bases for speech, In: Cleft palate and communication, Acad. Press, 68. Address: Dept. of Speech & Hearing Science, Stanford University Medical Center, Stanford, Calif. 94305.**
- HUNTINGTON, PROF. SAMUEL P (HILLIPS). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New publ: Political order in changing societies, Yale, 68. Address: Center for International Affairs, Harvard University, 6 Divinity Ave, Cambridge, Mass. 02138.**
- HUNTLEY, JAMES ROBERT, b. Tacoma, Wash. July 27, 23; m. c. 4. POLITICAL SCIENCE, INTERNATIONAL RELATIONS. B.A. Washington (Seattle), 48, Carnegie fel. 51; M.A. Harvard, 56. Prog. secy. univ. Washington YMCA, 48-49; dir. Highline Recreation Coun. Seattle, 48; consult. State Parks & Recreation Cmn, Wash, 48-51; for serv. officer, U.S. For. Serv. 52-60; exec. secy, Atlantic Inst, Paris & D.C. 60-65; prog. assoc. int. affairs, Ford Found, N.Y. 65-67; secy. gen, Atlantic Cos, London, 67-68; WRITER, LECTR. & CONSULT. INT. AFFAIRS, 68.- Consult, Atlantic Coun. U.S. D.C. & Atlantic Info. Centre for Teachers, London, 68.- N Atlantic Assembly, Brussels & Iltice Sci. & Tech. Pub. Ltd, Guildford, Eng, 69; Regional Coun. Int. Ed, Pittsburgh, Pa, 70.- U.S.N. 43-46. Soc. Citizen Ed. World Affairs. Historical and contemporary development of relations between Europe and the United States and Canada; the growth of the Atlantic community of nations. Publ: Co-ed, The Atlantic community, force for peace, Nat. Assn. Sec. Sch. Prins, 63; auth. The NATO story, Manhattan, 65 & 68; co-auth. Europe and America—the new decade, Guilker, 70. Address: Treetops, 17 Beech Lane, Guildford, Surrey, Eng.**
- HUNTLEY, DR. P (ATRICK) R (OSS). Economics, Statistics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. & head, 69.-, Dept. of Quantitative Management Science, College of Business Administration, University of Arkansas, Fayetteville, Ark. 72701.**
- HUNTLEY, DR. ROBERT ROSS. Internal Medicine, Health Services Organization. See Suppl. V to 11th ed, Phys. & Biol. Vols.**
- HURH, DR. WON MOO PAUL. Sociology, Anthropology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof. 69.-, Dept. of Sociology & Anthropology, Western Illinois University, Macomb, Ill. 61455.**
- HURST, DR. PAUL M (ITCHELL), JR. Experimental Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Pres, 68.-, Institute for Research, 257 S. Pugh St, State College, Pa. 16801.**
- HURTER, DR. ARTHUR P (ATRICK), JR. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also chmn. dept. ind. eng. & mgt. sci, Northwestern 69.- Address: 1505 W. Norwood St, Chicago, Ill. 60626.**
- HURWITZ, ABNER. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prin. statist. adv. U.S. Agency Int. Develop, Bogotá, 69.- Address: American Embassy, Bogotá, Colombia.**
- HUSHAK, DR. LEROY J, b. Clutier, Iowa, Sept. 15, 39; m. 65. ECONOMICS, AGRICULTURAL ECONOMICS. B.S. Iowa State, 61; M.A. & Ph.D. (econ),**



- Chicago, 68. ASST. PROF. AGR. ECON. OHIO STATE, 68- U.S.A.R., 61-69, Capt. Econ. Asst. Agr. Econ. Asst. Economics of education and education policy; agricultural policy; economics of development. Address: Dept. of Agricultural Economics, Ohio State University, 2120 Fyffe Rd, Columbus, Ohio 43210.
- HUTCHINS, DR. EDWIN BURNELL. Social & Educational Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also asst. to v-pres. student affairs, 69-, Iowa State University, 119 Beardshear Hall, Ames, Iowa 50010.
- HUTCHINSON, DR. GEORGE KEATING. b. Belfast, Maine, Nov. 20, 32; m. 58; c. 4. COMPUTER & MANAGEMENT SCIENCE. B.S. Maine, 55; M.S. Carnegie Inst. 56; Ph.D. (mgmt. sci.), Stanford, 64. Teaching asst. mech. drawing & anal. geom., Carnegie Inst. 55-56; design engr., Lockheed Missiles & Space Co., 57-58; eng. ops. analyst, 58; math. analyst, 58-60; sr. math. analyst, 60-62; proj. leader & math. engr., 62-66; asst. prof. indust. eng. & dir. comput. center, Tech. Tech., 66-68; DIR. COMPUT. CENTER, WISCONSIN-MILWAUKEE, 68- Res. asst., West. Data Processing Center, Stanford, 59-60. AAAS, Asst. Comput. Mach. Oper. Res. Soc. Asst. Inst. Elec. & Electronics Eng. Inst. Mgt. Sci. Brit. Oper. Res. Soc. The use of computers and information processing devices as an extension of man's intellect. Address: University of Wisconsin-Milwaukee, Room 139 Mitchell Hall, Milwaukee, Wis. 53211.
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- HUTCHINSON, DR. JOSEPH C(ANDLER). Romance Languages. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang. Ling. & Philol.
- HUTCHINSON, DR. EARL R. English, Mass Communications. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- HUTNER, DR. FRANCES CORNWALL. b. Middlebury, Vt., Dec. 5, 18; m. 43; c. 5. ECONOMICS, ECONOMIC HISTORY. A.B. Middlebury Col., 40; Ellis Isl. Columbia, 41-42; M.A. 43, Ph.D. (econ), 50. Instr. ECON. Smith Col., 43-47; lectur., Kenyon Col., 48-49; res. consult., Princeton, 51-53 & 62-63; LECTUR., RUTGERS, 64- AAAS; Econ. Asst.; Econ. Hist. Asst. Business history; government control of business; labor studies. Publ.: The Farr Alpaca Company, Smith Col., 50. Address: 20 Hibben Rd, Princeton, N.J. 08540.
- HUTSON, (WILLIE) (SOLOMON). Agricultural Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Economist, U.S. Dept. Labor, 67- Address: 1006 G St. S.E. Washington, D.C. 20003.
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- HYBELS, PROF. ROBERT JAMES. History, Sociology. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- HYDE, DEAN ROY E. Rural Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: Rt. 4, Box K 16, Hammond, La. 70401.
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- HYMAN, DR. ARNOLD. Experimental Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Res. asst., 68-, Jewish Hospital & Medical Center of Brooklyn, Neurosurgical Research Unit, 555 Prospect Place, Brooklyn, N.Y. 11238.
- HYMAN, PROF. HERBERT H(IRAM). Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-, Dept. of Sociology, Wesleyan University, Middletown, Conn. 06457.
- HYMAN, DR. IRWIN A. b. Neptune, N.J., Mar. 22, 25; m. 60; c. 2. PSYCHOLOGY. B.A., Maine, 58; M.Ed., Rutgers, 61, Ed.D. (sch. psychol.), 64. Teacher, elem. sch., N.J., 57-61; sch. psychologist & coordinator spec. serv. Lawrence Twp. Schs., 62-66; chief clin. serv. Training Sch. Vineland, Am. Inst. Ment. Studies, 66-67; prof. spec. ed. & chief psychologist, Newark State Col., 67-68; ASSOC. PROF. SCH. PSYCHOL. TEMPLE, 68- Field supvr., Stanford Res. Inst. Nat. Follow Through Study, 69- Res. consult. Ed. Testing Serv. Head Start Study, 67-69. AAAS; Psychol. Asst.; Ed. Res. Asst.; Asst. Ment. Deficiency. Effects of teacher behavior on children; effects of educational intervention on disadvantaged children; the process of change in educational institutions. Publ.: Co-auth. Instituting group counseling in the public schools, Psychol. in Schs., 64 & First grad. readiness of children who have had summer head start programs, Training Sch. Bull., 63: 163-167; Measurement of perception, In: Disadvantaged children and their first school experience, Ed. Testing Serv., 68. Address: 18 Devon Ave, Trenton, N.J. 08638.
- HYMAN, STANLEY DAVID, b. New Rochelle, N.Y., Feb. 15, 23; m. 61; c. 2. PSYCHOLOGY. A.B. George Washington, 64, M.S. 66. PRES. IDENTITY RES. INST. D.C., D.C. 67- Mem. faculty, grad. sch. bus. George Washington, 68- U.S.A. F. 48-67, Lt. Col. Marital compatibility; management consulting; human relations research; identification of black business man. Publ.: Co-auth. Personal financial planning for the executive, Am. Mgt. Asn., 70; auth. Employer-employee compatibility, Retired Officer, 8/68. Address: 5715 Davis Blvd. S.E., Washington, D.C. 20232.
- HYMES, PROF. DELL H(ATHAWAY). Anthropological Linguistics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New publ.: Ed. Studies in the history of linguistics, Indiana Univ., 69. Address: Dept. of Anthropology, University of Pennsylvania, Philadelphia, Pa. 19104.
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- IKENBERRY, DR. STANLEY OLIVER. b. Lamar, Colo., Mar. 3, 35; m. 58; c. 3. HIGHER EDUCATION. B.A., Shepherd Col., 56; M.A., Mich. State, 57, Ph.D. (higher ed.), Mich. State, 60. Instr. Mgt. Sci., 58; Mgt. Sci., res., 60-62; asst. prof. ed. & asst. to provost, West Virginia, 62-64, spec. asst. to pres., 64-65, assoc. prof. ed. & dean col. human resources & ed., 65-69; PROF. HIGHER ED., CENTER STUDY HIGHER ED., PA. STATE, 69- Mem. rehab. adv. cmt. Rehab. Serv. Admin. & mem. ed. adv. cmt. Appalachian Regional Cmn. Dir., 69; mem. bd. dirs. Appalachia Ed. Lab., Charleston, W.Va. 69, Ed. Res. Asst. Higher Ed. Asn. Instr. Res. Higher education research: student attitude and value change in higher education; college

- attendance patterns; initiation and functioning of organized research units in higher education; curriculum and instruction in higher education. Publ: Co-auth, Critical thinking, attitudes and values in higher education. Mich. State Univ. 62; Effects of reading, study skills improvement and reduced credit load on achievement and persistence of failure prone college freshmen & Characteristics of high school seniors as related to subsequent college attendance, West Virginia Univ. 66. Address: Center for the Study of Higher Education, 110 Willard Bldg, Pennsylvania State University, University Park, Pa. 16802.
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- IMMERDAUER, B(ERNARD). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Sr. economist, 68-, UN Development Programme, P.O. Box 7184, Kampala, Uganda.
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- IMSE, PROF. THOMAS P(AUL). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Vis. prof. sociol, Univ. Nijmegen, Netherlands, 69-70. Address: Dept. of Sociology, College of the Holy Cross, Worcester, Mass. 01610.
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- INCE, DR. LAURENCE PETER, b. New York, N.Y. June 29, 37; m. 63; c. 1. PSYCHOLOGY, GUIDANCE & COUNSELING. B.A. Hobart Col. 59; M.S. Long Island, 61; Ph.D.(psychol, guid. & counseling), Fla. State, 65. Intern. clin. psychol. inst. rehab. med. MED. CENTER, N.Y. UNIV, 65-66. SR. PSYCHOLOGIST, GOLDWATER MEM. HOSP, 66-67. INSTR. PSYCHOL. HUNTER COL., 65-67. DIR. CLIN. & ADMIN. SERV. CENTER LEARNING DISABILITIES, BRIARWOOD, 69- U.S. Dept. Health, Ed. & Welfare Small Contract Prog. res. grant, 65. Consult. psychologist, addictive diseases unit, New York City Dept. Health, 66; consult. supv. psychologist, Orthop. & Rehab. Inst. 68; consult. psychologist, Health Ins. Plan Greater New York, 69- Panel. psychologist, voc. rehab, N.Y. State Dept. Ed., 67. PSYCHOL. HUNTER Operant conditioning; physical rehabilitation; behavior modification; neurophysiological correlates of behavior; speech and language pathology; brain injury. Publ: Modification of verbal behavior through variable interval reinforcement in a quasi-transfer situation, Behav. Res. & Ther, 68. A behavioral approach to motivation in rehabilitation, Psychol. Record, 69; escape and avoidance conditioning of responses in the plegic arm of stroke patients: a preliminary study, Psychonomic Sci, 69. Address: 64-39C 186th Lane, Fresh Meadows, N.Y. 11365.
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- INGERSOLL, DR. JASPER, b. Middleburg, N.Y. Sept. 6, 26; m. 50; c. 2. ANTHROPOLOGY. B.A. Harvard, 51; Ford Found. fel, Cornell, 56-60, Ph.D. (anthrop), 63. Asian desk officer, UNESCO, Paris, 52-53, dir. res. sect, UNESCO Training Center, Thailand, 54-56; lect. ANTHROP. California, 61-63; asst. prof, CATHOLIC UNIV, 63-67, ASSOC. PROF, 67- Vis. lect. Peace Corps, 62-66, For. Serv. Inst, 64- & Int. Vol. Serv, 65-67; researcher, U.S. State Dept, 67-68; U.S. Bur. Reclamation, 68-69. Mem. Southeast Asian Development Adv. Group. U.S.N. 45-46. Asn. Asian Studies: Anthrop. Asn; Soc. Appl. Anthrop. Social aspects of development, especially river basin development; Southeast Asia, especially mainland; role behavior; Buddhism. Publ: Fatalism in Village Thailand, summer 65 & Mekong River Basin development: anthropology in a new setting, summer 68, Anthrop. Quart; Human dimensions of Mekong River Basin development: a case study of the Nam Pong Project in Northeastern Thailand, report, Agency Int. Develop, 68. Address: Dept. of Anthropology, Catholic University of America, Washington, D.C. 20017.
- INGLIS, PROF. JAMES. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 68-, Dept. of Psychology, Queen's University, Kingston, Ont. Can.
- INGRAM, DEAN JAMES C(ARLTON). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: On leave in Bangkok, Thailand for one year. Address: Graduate School, University of North Carolina at Chapel Hill, Chapel Hill, N.C. 27514.
- INGRAM, JOHN W(ATSON). Transportation Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: V-pres. mkt. Ill. Cent. R.R., 68- Address: 135 E. 11th Place, Chicago, Ill. 60605.
- INNOCENTIA, SISTER MARY (BURKARD). S.S.N.D. Educational Psychology. See BURKARD, SISTER AGNES MARY, S.S.N.D. This Suppl.
- INSEL, PROF. SHEPARD ALVIN. Educational Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also dean. ed. serv, 68-. San Francisco State College, 1600 Holloway Ave, San Francisco, Calif. 94132.
- INSELBERG, DR. RACHEL (MARZAN), b. Manila, Philippines, Jan. 2, 34; U.S. citizen; m. 56; c. 1. CHILD DEVELOPMENT, FAMILY SOCIOLOGY. B.S. Philippine Women's Univ, 54; fel, Illinois, 55-56, M.S. 56. Ph.D.(child develop), Ohio State, 60. Asst. prof. family & child develop, Carnegie-Mellon, 61-65; ASSOC. PROF. HUMAN DEVELOP. & LEARNING, WESTERN MICHIGAN, 66- Participant, Coop. Res. Proj. U.S. Off. Ed, 62-64; mem. Nat. Cmt. on Family Life Ed, 64-65. Soc. Res. Child Develop; Nat. Coun. Family Rel. Social and psychological correlates of high school marriages; antecedents and consequences of sex-role identification; identification of effective methods of teaching young children how to read. Publ: Marital problems and satisfaction in high school marriages, Marriage & Family Living, 62. The sentence completion technique in measurement of marital satisfaction, J. Marriage & Family, 64; Personality characteristics and masculine identification. Chronicle Guid. Publ. 66. Address: Dept. of Teacher Education, Western Michigan University, Kalamazoo, Mich. 49001.
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- IRELAND, PROF. RALPH REGINALD. Sociology, Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Chmn. 69-. Dept. of Sociology, Bloomsburg State College, Bloomsburg, Pa. 17815.
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- IRVINE, DR. DAVID JAMES, b. Opelika, Ala. Dec. 2, 31; m. 60; c. 3. EDUCATION, PSYCHOLOGY. B.A.A. Auburn, 54. M.A. North Carolina, 59. Ph.D. (ed. psychol), 63. Counsr, Burlington City Schs. N.C. 60-61. asst. dir. guid. 61-62, dir, 62-64, supvr. guid. & spec. serv. 64-65; assoc. prof. psychol. & spec. ed. Greensboro Col, 65-68; CHIEF BUR. SCH. PROGS. EVAL. STATE ED. DEPT, N.Y. 68- Vis. lect. North Carolina, Greensboro, 64-65, summers 66 & 67; summers, vis. faculty mem. Appalachian State Teachers Col, 61, North Carolina, Chapel Hill, 64, vis. lect. Western Carolina, 67. U.S.A. 54-56, 1st Lt. Psychol. Asn; Ed. Res. Asn; Personnel & Guid. Asn. Evaluation of educational programs; application of systems analysis to education; education for creativity; counseling; economically disadvantaged students; mental health. Publ: The pupil, teaching and learning, N.C. Ed. 12/64 & Nessle for disadvantaged youth: an expanded concept of counseling, Sch. Counsr, 1/68. Address: 45 Preston Rd, Delmar, N.Y. 12054.
- IRVING, DR. GORDON, b. Red Deer, Alta, Sept. 10, 28. SOCIOLOGY. B.A. St. Patrick's Col, 52; M.A. Notre Dame, 57. Ph.D.(sociol), 59. Asst. prof. SOCIOL., St. Patrick's Col.(Ont), 59. ASSOC. PROF. 62-67. CARLETON. 67- Sociol. Asn. Sociology of family and of religion; deviance; criminology. Publ: Population explosion, Rev. Univ. Ottawa, 61; Family in a technological age, Soc. Worker, 66. Address: Dept. of Sociology, Carleton University, St. Patrick's Campus, Ottawa 1, Ont. Can.
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- IRVING, DR. WILLIAM N(ATHANIEL). Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Anthropology, University of Toronto, Toronto, Ont. Can.
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Univ, 67; auth, Industrial relations, new perspectives in business, Heath, 67; co-auth, Contemporary problems in Canadian labour, Prentice-Hall, 70. Address: Dept. of Industrial Relations, McMaster University, Hamilton, Ont, Can.

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ITURRIAN, DR. WILLIAM BEN. Pharmacology. See Suppl. V to 11th ed, Phys. & Biol. Vols.

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IVERSEN, PROF. ROBERT WILLIAM. American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.

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- JACOBS, DR. PAUL (DANIEL). b. Akron, Ohio, Oct. 12, 39. INDUSTRIAL PSYCHOLOGY. B.A., Baylor, 62, Ph.D.(indust. psychol), 67. Intern comp. psychol, 67-71st Aeromed. Res. Lab, 62-63; res. asst., Baylor Primate Behav. Lab, 63-64, sr. res. asst, 64-66; teacher, West, Tex. Independent Schs, 66; asst. PSYCHOL, Baylor, 66-67; instr. OKLAHOMA, 67, ASST. PROF. 67-. Personnel selection officer, Southwest Regional Training Center, VISTA, 68-69. Psychol. Asn. Int. Acad. Forensic Psychol. Motivational studies, stress and its effects on performance; forensic psychology. Publ: Co-auth, Effects of task related stress on human performance of a two component monitoring task, 29: 815-823 & Forensic psychology: perception of guilt and income, 28: 143-146, Perceptual & Motor Skills & An Index for measuring perceived stress in a college population, J. Psychol, 70: 9-15. Address: Dept. of Psychology, University of Oklahoma, Norman, Okla. 73069.
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71; Non-structural measures for flood control, Water Resources Res. first quart 65; The economic value of real estate acquired for right-of-way, Land Econ. 8/68. Address: Environmental Resources Center, Georgia Institute of Technology, Atlanta, Ga. 30332.

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- JENKINS, PROF. FRANCES BRIGGS, b. San Diego, Calif. Oct. 15, 05; wid. LIBRARY SCIENCE, BIOCHEMISTRY. B.S. Illinois, 26, Ph.D.(biochem), 37; M.S., Tulane, 28; B.L.S. California, Berkeley, 47. Tech. asst. biochem, Tulane, 26-28; asst. biochemist, agr. exp. stat, Tennessee, 28-29; asst. instr. biochem, col. med, Illinois, 29-41; supvr. correction sect. commun. dept, 11th Naval Dist, 42-44; head sci. reference sect, Univ. Calif. Library, 47-51; assoc. prof. LIBRARY SCI, ILLINOIS, URBANA, 51-57, PROF, 57-, dir. biomed. libr. training prog, 68-71. Mem. adv. cmt. manpower & training, Nat. Library Med, 66-68; Isadore Gilbert Mudge citation distinguished contribution to reference librarianship, 66. U.S.N.R. 44-46, Res, 46-54, Lt. AAAS; Chem. Soc; Med. Library Asn; Soc. Info. Sci; Spec. Libraries Asn; Asn. Am. Library Sch. Literature of pure and applied science; science information service; education for science librarianship. Publ: Science reference sources, Mass. Inst. Tech, 5th ed, 59; co-auth, Bibliography; current state and future trends, Univ. Ill, 67. Address: Graduate School of Library Science, University of Illinois, Urbana, Ill. 61801.
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- JESSEN, PROF. RAYMOND J(AMES). Statistics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 851 20th St, Santa Monica, Calif. 90403.
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- JEWELL, DR. WALTER ORWELL, b. Denver, Colo, Aug. 20, 19; m. 40; c. 1. PSYCHOLOGY. A.B., William Jewell Col, 40; M.A., Denver, 40; Illinois, Urbana, 40-43; Ph.D.(psychol), Minnesota, Minneapolis, 38. Asst. stud. personal br, Illinois, Urbana, 42-43; psychometrist, Denver, 46; asst. to dean of students, 46-48; dir. disciplinary counseling br, Minnesota, Minneapolis, 48-53; psychologist, Vet. Admin, Hampton, 58-60, ASST. CHIEF PSYCHOL. SERV. FOR COUNSELING, HAMPTON VET. ADMIN. CENTER, VA, 60- Lectr, idwelder center, George Washington Univ, Ft. Monroe, Va, 60-64; assoc. prof. lectr, 64-70; prof. lectr, 70- Consult, Tech. Oper. Inc Seminar for U.S. Army Chaplains, Ft. Hamilton, N.Y. 63. U.S.A.A.F, 43-46, S/Sgt. Psychol. Asn. Human learning; research on defensiveness, manifest anxiety and problem solving in counseling and psychotherapy; hospital and domiciliary research in rehabilitation. Publ: Co-auth, Configurational aspects of human learning in the electric maze, Am. J. Psychol, 40. Address: Psychology Service, Hampton Veterans' Administration Center, Hampton, Va. 23367.
- JEWETT, DR. FRANK I, b. Eureka, Calif, Mar. 21, 36; m. 55; c. 3. ECONOMICS. B.S., Humboldt State Col, 62; Nat. Defense Ed. A. fel. & Ph.D.(econ), Claremont Grad. Sch. & Univ. Center, 68. Asst. prof. ECON, HUMBOLDT STATE COL, 65-69, ASSOC. PROF, 69- Econ. Asn; Economet. Soc. Re-



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JOHNSON, DR. CHARLES W(ESLEY), b. Harvard, Nebr., Jan. 26; 31; m. 55; c. 3. PSYCHOLOGY, RELIGION. A.B., Nebr. Wesleyan, 52; B.D., Garrett Theol. Sem, 56; M.A., Northwestern, 57; Ph.D. (ed. psychol. & measurement), Nebraska, 63. Asst. prof. PSYCHOL, Carthage Col., 62-64; ASSOC. PROF., Buena Vista Col., 64-65; EVANSVILLE, 65- Psychol. Assn. Occupational choice; psychology of religion; philosophical psychology; existentialism. Address: Dept. of Psychology, University of Evansville, Evansville, Ind. 47704.

JOHNSON, PROF. CORWIN W(AGGONER), Law. See 5th ed, Dir. of Am. Scholars, Vol. IV, Philos, Relig., & Law.

JOHNSON, PROF. DALE LADSWORTH. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Prof. 69-, Dept. of Psychology, University of Houston, Cullen Blvd, Houston, Tex. 77004.

JOHNSON, DR. DAVID A(LAN), b. Joplin, Mo., Sept. 12, 33; m. 56; c. 2. EXPERIMENTAL PSYCHOLOGY. B.A., Tulane, 55; M.S., Kansas State Col., Pittsburg, 64; NASA traineeship, Okla. State, 68-69, Ph.D. (exp. psychol), 69. Prod. supvr., Johnson Mfg. Co., Inc., 56-62; instr. PSYCHOL, Kans. State Col., Pittsburg, 64-65; Southeast Mo. State Col., 65-66; Okla. State, 68-69; ASST. PROF., SWEET BRIAR COL., 69- Nat. Sci. Found. res. grant, dept. psychol., Michigan, summer 70, U.S.A., 55-56. Animal behavior; human short-term memory. Publ: Co-auth, Effects of instructional set on pupillary responses during a short term memory task, J. Exp. Psychol. (in press). Address: Dept. of Psychology, Sweet Briar College, Sweet Briar, Va. 24595.

JOHNSON, DR. DAVID C(HESTER). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also dean arts & sci, 69-, East Stroudsburg State College, East Stroudsburg, Pa. 18301.

JOHNSON, DR. DAVID E, b. Oakland, Calif., Nov. 14, 36. ECONOMICS. B.A., California, Berkeley, 59, M.A., 61, Ph.D. (econ), 68. Part-time res. economist, California, Berkeley, 64-68; ASST. PROF. ECON, SAN FRANCISCO, 68- Part-time econ. consult, State of Hawaii, 68- Econ. Assn. Economics of industrial organization; the petroleum industry on the Pacific Coast; market structure, conduct and performance. Address: 2674 17th Ave, San Francisco, Calif. 94116.

JOHNSON, DR. DAVIS G(ILMAN). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. student serv., Asn. Am. Med. Colls, 69- Address: 6408 Maiden Lane, Bethesda, Md. 20034.

JOHNSON, DR. ED(UGAR) A(UGUSTUS) J(EROME). Economic History. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. prof. econ. hist, 69-, School of Advanced International Studies, Johns Hopkins University, Washington, D.C. 20036.

JOHNSON, DR. EDGAR M, b. Jacksonville, Fla., Oct. 29, 41; m. 67. EXPERIMENTAL PSYCHOLOGY, ERGONOMICS. B.S., Ga. Inst. Tech., 64; Nat. Defense Ed. Act fel, Tufts, 65-67, M.S., 67, Ph.D. (psychol), 69. RES. SCIENTIST, HUMAN ENG. LAB, U.S. ARMY, 69- U.S.A., 68-, Capt. Psychol. Asn; Human Factors Soc; Ergonomics Res. Soc. Human performance, especially attention, information processing and predictive behavior; mathematics modeling; statistics. Address: 621 Edgewood Rd, Edgewood, Md. 21040.

JOHNSON, PROF. EDWARD E(LEMUEL). Experimental Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also Assoc. dean univ, 69-, Southern University, P.O. Box 9884, Baton Rouge, La. 70813.

JOHNSON, DR. ELBERT B, b. Minneapolis, Minn., Feb. 22, 28; m. 48; c. 4. ECONOMICS. B.A., Kansas City, 51, M.A., 61; Ph.D. (econ), Iowa, 65. Res. assoc. econ. develop., Midwest Res. Inst., Kansas City, Mo, 56-57; econ. Community Studies, Inc, 57-59; res. asst., bur. bus. & econ. res., Univ. Iowa, 59-62; res. economist, indust. res. & exten. center, Univ. Arkansas, 62-65; ASSOC. PROF. ECON. & DIR. CENTER REGIONAL STUDIES, DRURY COL., 65- U.S.N.R., 45-46, Res, 46-68, Comdr. Regional economic development; urban economics and planning; economic geography. Publ: Co-auth, Economic study of the proposed Buffalo National River, Univ. Arkansas & U.S. Dept. Interior, 63; State plan—Arkansas and regions, Univ. Arkansas & State Planning Off., 66. Address: Dept. of Economics, Drury College, Springfield, Mo. 65802.

JOHNSON, DR. ELLIS LANE. Operations Research. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Mathematician, 68-, IBM Watson Research Center, P.O. Box 218, Yorktown Heights, N.Y. 10598.

JOHNSON, DR. EUGENE M, b. Milford, Del., Oct. 21, 40; m. 62; c. 2. BUSINESS ADMINISTRATION. B.S., Delaware, 62, M.B.A., 64; Mkt. Sci. Inst. fel, Washington (St. Louis), 67-68, D.B.A. (mkt), 69. Asst. bus. Delaware, 62-64; lectr., Washington (St. Louis), 64-66; instr. mkt. St. Louis, 66-67; lectr. BUS. ADMIN., DELAWARE, 68-69; ASST. PROF., 69-69. Improv. of instr. grant, summer 69. Mkt. Assn. Service marketing management; buying behavior for services; sales management; quantitative methods in marketing. Publ: The meaning of theory and its present state in marketing, Bus. Viewpoints, 67; How to measure your bank's image, Banking, 12/69; The selling of services, In: Handbook of modern marketing, McGraw, 70. Address: College of Business & Economics, University of Delaware, Newark, Del. 19711.

JOHNSON, DR. FRANKLYN ARTHUR. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Lazy Brook Farm, 8878 Hooes Rd, Lorton, Va. 22079.

JOHNSON, FREDERICK. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, 69. Address: 1 Woodland Rd, Andover, Mass. 01810.

JOHNSON, PROF. G(UY) B(ENTON). Sociology, Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. prof., 69-, Dept. of Sociology, University of North Carolina, Chapel Hill, N.C. 27514.

JOHNSON, DR. HAROLD L, b. Sioux City, Iowa, Apr. 5, 24; m. 48; c. 3. ECONOMICS. B.B.A., Texas, 47, M.B.A., 48, fel, 48-50, Ph.D. (econ), 52. Assoc. prof. transportation & econ, Georgia State, 51-57; PROF. ECON, EMORY, 57- Participant, Ford Found. Faculty Seminar, Univ. Michigan, 58; Ford Found. study fel, Carnegie Inst. Tech, 60-61, faculty fel, 65. U.S.A.F., 43-45, 2nd Lt. Econ. Assn. Microeconomic theory; business and society; comparative economic systems. Publ: Graphic analysis of multiple goal firms: development, current status and critique, In: Occasional Paper 4, Pa. State Univ, 66; Social responsible firms: an empty box or a universal set? J. Bus, 7/66; Experiments in behavioral economics: Siegel and Fouraker revisited, Behav. Sci, 9/67. Address: Dept. of Economics, Emory University, Atlanta, Ga. 30322.

JOHNSON, PROF. HARRY ALLEYEN. Developmental & Educational Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also assoc. dean, 69-, Virginia State College, Petersburg, Va. 23803.

JOHNSON, PROF. HARRY L. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New publ: Ed, State and local tax problems, Univ. Tennessee, 69; auth, Monetary Issues of the 1960's, Univ. Texas, 69. Address: Dept. of Finance, College of Business, University of Tennessee, Knoxville, Tenn. 37916.

JOHNSON, PROF. HARRY M(ORTON). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 804 W. Indiana Ave, Urbana, Ill. 61801.

JOHNSON, DR. JAMES ARTHUR, b. Virginia, Minn., Oct. 15, 36; m. 60; c. 4. ECONOMICS. B.A., Minnesota, Duluth, 58; M.A., Minnesota, Minneapolis, 60, Ford Found. fel, 60-62, Ph.D. (econ), 63. Instr. ECON, Minnesota, 59-62; lectr., McMASTER, 62-64, asst. prof., 64-68, ASSOC. PROF., 68- Brookings Econ. Policy fel, 68-69. Am. Econ. Assn. Nat. Tax Assn; Can. Econ. Assn.

- Public finance; welfare economics; economics of water pollution control. Publ. The incidence of government revenues and expenditures, Queens Printer, 68; Provincial—municipal intergovernmental fiscal relationships, Can. Pub. Admin. J. summer 69; The Distribution of the burden of sewer user charges under various charge formulas, Nat. Tax J., 12/69. Address: Dept. of Economics, McMaster University, Hamilton, Ont. Can.
- JOHNSON, DR. JAMES JAY, b. Emporia, Kans. Dec. 25, 39; m. 62; c. 1. EDUCATIONAL PSYCHOLOGY. A.B. Washington (St. Louis), 61; M.A., Illinois State, 64; Ph.D. (counselor ed.), Northwestern, 66. ASSOC. PROF. PSYCHOL., ILLINOIS STATE, 66. U.S.A.R. 61-67. Personnel & Guid. Assn.; Assn. Couns. Ed. & Supv.; Assn. Measurement & Eval. in Guid. Function and status of junior college student personnel services; relationship of personality variables to counseling success. Publ: Co-ed, Readings for educational psychology, Holt, (in press); auth, The hippy as a developmental task, Adolescence, spring 69. Address: Dept. of Psychology, Illinois State University, Normal, Ill. 61761.
- JOHNSON, DR. JAMES P(EARCE). American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- JOHNSON, PROF. JESSE B(UTLER). Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Emer. prof. polit. sci. Cent. Conn. State Col. 69. Address: 474 S. Main St. West Hartford, Conn. 06110.
- JOHNSON, LT. COMDR. JIMMIE H. U.S.N. b. Rector, Ark. July 29, 28; m. 50; c. 2. INDUSTRIAL PSYCHOLOGY, HUMAN FACTORS ENGINEERING. A.B., San Jose State Col. M.S. 59; M.A. (Fla.), 63-64. MED. SERV. C. U.S. NAVY, 59-. aviation psychologist, Naval Sch. Aviation Med., Pensacola, 59-63, res. psychologist, Naval Submarine Med. Res. Lab. New London, 64-67, aerospace psychologist, Staff, Commr. Fleet Air Wings, Atlantic, Norfolk, 67-69. SCL ADP. TEAM LEADER, COMMANDER ANTISUBMARINE WARFARE FORCES, ATLANTIC, 69-. Psychol. Asst. Aerospace Med. Assn. Selection and training of aviation personnel; the influence of human factors upon weapons systems effectiveness. Publ: The effects of training plane type on jet pilot performance, 62, co-auth. The use of newly designated aviators as instructors, 63 & The relationship between mathematics and physics and flight training, 64, Aerospace Med. Address: Naval Air Station SP47, Room 120, Norfolk, Va. 23511.
- JOHNSON, DR. JOE DAVID. Counseling Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. health & counseling center, 68-. Baylor University, Box 6306, BU Sub-Station, Waco, Tex. 76706.
- JOHNSON, DR. JOHN THOMAS, JR. b. Knoxville, Tenn. June 10, 42; m. 64; c. 1. DEVELOPMENTAL PSYCHOLOGY. B.A., Carson Newman Col. 64; M.A., Wake Forest, 66; Ph.D. (psychol.), George Peabody Col. 68. ASST. PROF. PSYCHOL., MEMPHIS STATE, 68-. Consult. Arlington State Hosp. & Sch. for Retarded, 69-. Assn. Ment. Deficiency. The investigation of attention and learning as a function of development with special interest in the mentally retarded. Publ: CS-UCS interval in differential eyelid conditioning with retarded, Psychonomic Sci. 9, 327-328, co-auth. Individual deficits in retarded learning and attention. In: International review of mental retardation, Acad. Press, 70 & Retrospective and proactive inhibition as a function of intelligence, Am. J. Ment. Deficiency, 70. Address: Dept. of Psychology, Memphis State University, Memphis, Tenn. 38111.
- JOHNSON, PROF. JOSEPH K(ELLY). Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Prof. social, Huston-Tillotson Col. 69-. Address: 407 W. 18th St., Apt. 300, Austin, Tex. 78701.
- JOHNSON, DR. LANE J(OSEPH). Geography. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., Dept. of Geography, Temple University, Philadelphia, Pa. 19122.
- JOHNSON, DR. L(ELAND) L(EROY). Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Sr. staff, Rand Corp. 69-. Address: 649 Los Lomos, Pacific Palisades, Calif. 90272.
- JOHNSON, PROF. LILLIAN M(AY). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also dir. 69-. Office of Educational Innovation, University of Cincinnati, Cincinnati, Ohio 45221.
- JOHNSON, DR. LYNN ERIC. Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also dir. 68-. Educational Information & Guidance Center, Brigham Young University, 212 Education Bldg, 500 N. University Ave, Provo, Utah 84601.
- JOHNSON, DR. MAURICE GLEN. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Asst. to pres. 68-, Dept. of Political Science, Vassar College, Poughkeepsie, N.Y. 12601.
- JOHNSON, PROF. OLE S(IMON). Marketing, Business Administration. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Dean, 69-. School of Business Administration, Old Dominion University, 49th & Hampton Blvd, Norfolk, Va. 23508.
- JOHNSON, DR. OVERTON REFORD, b. Dewitt, Va. Jan. 27, 23; m. 24; c. 3. AGRICULTURAL EDUCATION. B.S., Va. State Col. 48; M.S., Cornell, 51. Ph.D. (agr. educ.), 54. Teacher trainer agr. mech., Va. State Col. 54-66, dean sch. agr. 66-70. ASST. DEAN COL. AGR. VA. POLYTECH. INST. 70-. Mem. Va. State Cmn. on Indust. of Agr. 68-69; Va. Adv. Cmt. Div. Planning & Community Affairs, 69-. U.S.A. 42-7, Res. 47-, Lt. Col. Agr. Eng. Assn. Higher Educ.; Voc. Assn. Design and development of woodchipping machines and the use and value of wood chips from farm woodlots. Address: College of Agriculture, Virginia Polytechnic Institute, Blacksburg, Va. 24061.
- JOHNSON, PROF. PAUL E(MANUEL). Psychology of Religion. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- JOHNSON, DR. PAUL ERICK, b. Minneapolis, Minn. Sept. 13, 38; m. 60; c. 3. EDUCATIONAL PSYCHOLOGY. B.S., Minnesota, 60; M.A.T., Hopkins, 61. Ph.D. (ed. psychol.), 64. Res. asst. psychol., Hopkins, 63-64; asst. prof. ED. PSYCHOL., MINNESOTA, MINNEAPOLIS, 64-68. ASSOC. PROF. 68-. Mem. center res. in human learning, Minnesota, Minneapolis, 64-; U.S. Off. Ed. res. grant, 70-72; Soc. Sci. Res. Coun. fel. conf. learning & ed. process, Stanford, summer 64. AAAS; Ed. Res. Assn.; Psychol. Assn. Cognitive processes; psychology of science; communication of scientific knowledge. Publ: Associative meaning of concepts in physics, 64 & On the communication of concepts in science, 69, J. Ed. Psychol.; co-auth, Reversibility in nonconservation of weight, Psychonomic Sci. 69. Address: Dept. of Educational Psychology, 331 Burton Hall, University of Minnesota, Minneapolis, Minn. 55455.
- JOHNSON, DR. RAYMOND GUSTAF, b. Chicago, Ill. June 21, 26; m. 59; c. 3. PSYCHOLOGY. B.A., Augustana Col. (Ill.), 50; M.A., Syracuse, 52; Ph.D. (clin. psychol.), Minnesota, 67. Teacher, Boy's Farm Sch., Durand, Ill. 52-53; dean of men, Coe Col. 53-55; clin. psychologist, Minneapolis Gen. Hosp. 58-59; instr. PSYCHOL., Hamline, 59-60; asst. prof., MACALESTER COL. 60-67, ASSOC. PROF. 67-. Psychol. Assn. Personality assessment; psychopathology etiology. Address: Dept. of Psychology, Macalester College, St. Paul, Minn. 55101.
- JOHNSON, PROF. RICHARD ABRAHAM. Latin American History, International Relations. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- JOHNSON, PROF. RICHARD M. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. & head, 70-. Dept. of Political Science, University of Illinois, Chicago Circle, Box 4348, Chicago, Ill. 60680.
- JOHNSON, PROF. RICHMOND EARLE, b. Springfield, Mass. Sept. 11, 33; m. 58; c. 4. EXPERIMENTAL PSYCHOLOGY. A.B., Lafayette Col. 56; M.A., Connecticut, 59; Lehig, 67-70. Instr. PSYCHOL., MORAVIAN COL. 59-60, asst. prof. 60-69, ASSOC. PROF. 69-, chmn. dept. 60-65, dean students. 61-65, U.S.A.R. 57-58, Res. 58-69, Capt. AAAS; Psychol. Assn. Stimulus generalization; learning theory; experimental design. Publ: Co-auth, Discrimination reversal following learning without errors, Psychonomic Sci. 8/68, Toward cheating as a function of classroom dissatisfaction and peer norms, J. Ed. Res. 10/68 & Wavelength detection in the pigeon, Perception & Psychophysics, (in press). Address: Dept. of Psychology, Moravian College, Bethlehem, Pa. 18018.
- JOHNSON, DR. ROBERT B(ETHUNE). Geography, Long Range Planning. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Vpres. res. Ed. Prod. Inc. 69-. Address: 4873 La Gama Way, Santa Barbara, Calif. 93105.
- JOHNSON, ROBERT E(DWARD). Economics, Statistics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Dep. asst. cmnr. Bur. Labor Statist. 68-. Address: 5702 37th Ave, Hyattsville, Md. 20782.
- JOHNSON, DR. ROBERT M. b. Arnegard, N.Dak. May 1, 32; m. 57; c. 2. AUDIOLOGY. B.S., N.Dak. State, 61; M.A., Northwestern, 63. Ph.D. (audiol.). 66. Res. assoc. AUDIOL., Northwestern, 62-64. ASST. PROF. DENVER, 66. U.S.A.F. 52-56, Res. 56-58. Speech & Hearing Assn. Publ: Co-auth, Earphone versus sound field threshold sound pressure levels for spondee words. J. Acoustical Soc. Am., 1/66. Address: Dept. of Speech, University of Denver, Denver, Colo. 80210.
- JOHNSON, DR. ROGER N. b. Dayton, Ohio, Apr. 22, 39; m. 67; c. 1. PSYCHOLOGY. B.A., Swarthmore Col. 61; M.A., Connecticut, 62. Ph.D. (psychol.), 66. ASST. PROF. PSYCHOL., Amherst Col. 65-68; TUFTS, 68-Nat. Inst. Ment. Health grants, 67-71. AAAS; Psychol. Assn.; Animal Behav. Soc. Motivation; comparative and physiological psychology; learning. Publ: Pattern discrimination learning set formation in rats with brain stimulation as a reinforcer, Psychonomic Sci. 6: 315-316; Effects of intracranial reinforcement intensity and distributional variables on brightness reversal learning in rats, J. Comp. Physiol. Psychol. 66: 422-426; sr. auth, Intracranial self-stimulation and the rapid decline of frustrative non-reward, Science, 164: 971-972. Address: Dept. of Psychology, Tufts University, Medford, Mass. 02155.
- JOHNSON, PROF. SHILDES (RISDON VAIL). Bible, Biblical Languages. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang. Ling. & Philol.
- JOHNSON, DR. STANFORD L. Marketing. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. bus. 69-. Dept. of Marketing, San Francisco State College, 1600 Holloway Ave, San Francisco, Calif. 94132.
- JOHNSON, PROF. WALTER FRANK, JR. Counseling, Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 429 College of Education, Michigan State University, East Lansing, Mich. 48823.
- JOHNSON, DR. WILLARD RAYMOND. Political Science. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. 69; Dept. of Political Science, Massachusetts Institute of Technology, Cambridge, Mass. 02138.
- JOHNSON, DR. WILLIAM LEE. Mathematics, Operations Research. See Supp. VI to 11th ed, Phys. & Biol. Vols.
- JOHNSON, DR. STEPHEN HENNING, b. San Francisco, Calif. Dec. 5, 32. INTERNATIONAL POLITICS, POLITICAL SCIENCE. B.A., Washington & Lee, 54; M.A., Georgetown, 56, Ph.D. (govt). 59. Res. assoc. Hoover Inst. War, Revolution & Peace, Stanford, 62-66; lectr. San Francisco State Col. 66-67; res. specialist, PEPPERDINE RES. INST. 67-69. ACTING DIR. 69. Lectr. Pepperdine Col. 67-70. Acad. Polit. & Soc. Sci. Hist. Assn. Soviet-German relations in the twentieth century; recent problems in United States foreign policy, particularly the Far East; examination of international techniques of Communist conflict management. Publ: The coup d'etat that failed, Baltic Rev. 5/61; An introduction to the role of proxies in Soviet strategic planning, Phalanx, summer 67. Address: 722 19th Ave, San Francisco, Calif. 94121.



- JOHNSTON, DR. DENIS F(OSTER). Demography, Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Demographer, Bur. Labor Statistics, 69-; adj. prof. econ, Temple lectr. sociol, Georgetown. Address: 1434 36th St. N.W., Washington, D.C. 20007.
- JOHNSTON, PROF. EDWARD FRANKLIN. Agricultural Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Agricultural & Resource Economics, University of Maine, 307 Winslow Hall, Orono, Maine 04473.
- JOHNSTON, PROF. JON JOLYON. Philosophy. See 5th ed, Dir. of Am. Scholars, Vol. IV, Philos, Relig. & Law.
- JOHNSTON, DR. THOMAS E. JR. English. See 5th ed, Dir. Am. Scholars, Vol. II, Eng, Speech & Drama.
- JOHNSTONE, PROF. ROBERT LAWRENCE, b. Paducah, Ky, Sept. 14, 26; m. 48; c. 4. ECONOMICS, AGRICULTURAL ECONOMICS. B.S. Kentucky, 48, M.S. 57, Ph.D.(agr. econ), Illinois, 61. Teacher, Logan County Bd. Ed, 48-52; Todd County Bd. Ed, 52-53; farm mgr. & operator, Todd County, Ky, 49-55; res. asst. agr. econ, Kentucky, 55-56; Illinois, 56-59; exten. specialist, N.C. State Col, 59-64; PROF. ECON. & CHMN. DEPT. AGR, BEREA COL, 64- U.S.A., 44-46. Econ. Asn; Agr. Econ. Assn. Public finance, resource use in agriculture and related income and public policy aspects. Address: 319 Forest St, Berea, Ky. 40403.
- JOINER, PROF. HARRY MASON, b. Paducah, Ky, Aug. 30, 44; m. 68. INTERNATIONAL RELATIONS, FOREIGN POLICY. B.A., DePauw, 65; M.A. Kentucky, 66, William Patterson fel, 68-69; M.A. Grad. Inst. Studies, Geneva, 68. Asst. hist, Kentucky, 65-67; ASSOC. PROF. POLIT. SCI, ATHENS COL, 69. Polit. Sci. Assn. Soviet area comparative government. Address: Dept. of Political Science, Athens College, Athens, Ala. 35611.
- JOLLIFFE, PROF. H(AROLD) R(ICHARD). Journalism. See 5th ed, Dir. Am. Scholars, Vol. II, Eng, Speech & Drama.
- JONAS, PROF. HANS. Philosophy. See 5th ed, Dir. of Am. Scholars, Vol. IV, Philos, Relig. & Law.
- JONES, DR. AUSTIN (EDWARD). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir. clin. psychol. training prog, 68-; Dept. of Psychology, Arizona State University, Tempe, Ariz. 85281.
- JONES, DR. CHARLES CLYDE, b. East Lynn, W.Va, Feb. 9, 26; m. 51; c. 2. POLITICAL SCIENCE. B.A., Marshall, 49, M.A., 50, teacher cert, 52; Ph.D. (polit. sci), West Virginia, 67. Indust. engr, Sylvania Elec. Co, 52-63; instr. polit. sci, Westminster Col, 65-66; asst. prof, ARKANSAS STATE, 66-69, ASSOC. PROF. POLIT. SCI. & CHMN. DIV. POLIT. SCI, GEOG. & SOCIOL, 69- U.S.A., 44-46. American government and foreign policy, state and local government. Publ: The Peace Corps: an analysis of the development problems, preliminary evaluation and future, Univ. Mich, 67. Address: Dept. of Political Science, Arkansas State University, State University, Ark. 72467.
- JONES, DR. (CHARLES) HERSCHHEL. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: V-pres, 68-; Williamsport Area Community College, 1005 W. Third St, Williamsport, Pa. 17701.
- JONES, DR. DAVID HENRY. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- JONES, DR. DELMOS J. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: The City University of New York Graduate Center, 33 West 42nd St, New York, N.Y. 10036.
- JONES, PROF. DON ELWIN, b. Salt Lake City, Utah, Sept. 13, 27; m. 52; c. 2. PSYCHOLOGY, EDUCATION. B.S. Utah State, 51; M.A., Houston, 52; Ed.D.(admin), Arizona State, 62. Dir. student employment, Utah State, 54-56; superv. eng. admin, Marquardt Corp, Utah, 56-58, superv. salaried personnel, 58-60; mgr. prtnl. personnel, Motorola, Inc, Ariz, 60-62; personnel & mgt. develop, Martin Marietta Corp, Colo, 62-65; PROF. ADMIN. SCI. & HEAD DIV. COL. BUS. ADMIN, DENVER, 65- Lectr. Indust. Ed. Inst, U.S. Can. & Eng, 65-70; U.S.A., 46-47; U.S.A.F., 51-53, 1st Lt. Psychol. Asn. Organizational behavior; small group dynamics; perception and communication. Publ: Training programs for scientists, Utah State Alumnus, 27-56, Current programs of cooperative engineering, J. Eng, 5/63 & Creating an effective profession in climate, Mach. Design, 1/64. Address: Division of Administrative Sciences, University of Denver College of Business Administration, Denver, Colo. 80201.
- JONES, DR. DOUGLAS (NORIN). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Spec. asst. to secy. commerce, 68-; Dept. of Commerce, 14th & Constitution Ave, Washington, D.C. 20230.
- JONES, PROF. EDWARD S(AFFORD). Psychology. See 11th ed, Soc. & Behav. Vols, deceased 69.
- JONES, DR. ELLIS JOHN, b. New Ulm, Minn, Nov. 13, 31; m. 54; c. 2. BUSINESS EDUCATION. B.A., Gustavus Adolphus Col, 52; M.A., Minnesota, Minneapolis, 55; Ed.D.(bus. ed), North Dakota, 65. Teacher, high sch, Minn, 55-58. Instr. BUS. ED, CUSTAVUS ADOLPHUS COL, 58-59, asst. prof, 59-65, ASSOC. PROF, 65-; asst. dean acad. affairs, 69-70. Mem. Policies Cmn. Bus. & Econ. Ed, 66-; Joint Cmt. Econ. Ed, 70- U.S.A., 52-54, Sgt. Voc. Asn. Business skills; shorthand. Address: Dept. of Economics & Business, Gustavus Adolphus College, St. Peter, Minn. 56082.
- JONES, DR. ENDSELY TERRENCE. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof, 69-; Dept. of Political Science, University of Missouri at St. Louis, 8001 Natural Bridge Rd, St. Louis, Mo. 63121.
- JONES, PROF. ERNEST MCCLAIN. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- JONES, PROF. EUGENE WISE. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Head, 69-; Dept. of Government, Angelo State University, San Angelo, Tex. 76901.
- JONES, PROF. GARTH NELSON, b. Salt Lake City, Utah, Feb. 25, 25; m. 50; c. 3. POLITICAL SCIENCE, PUBLIC ADMINISTRATION. B.S. Utah State, 47; fels, Utah, 47-48, 49-50, M.S. & cert, 48, Ph.D.(polit. sci, econ), 54; fel, Pa. State, 48-49. Res. asst. polit. sci, Utah, 47-48, mem. res. & teaching staff, 49-50; res. specialist & consult, Utah Munic. League & Utah State Asn. County Officers & Off, Salt Lake City, 50-51; admin. asst. to dist. adminstr., U.S. Dept. Interior, Ponape Dist, East. Carolines, 51; food & drug inspector, U.S. Dept. Agr, Salt Lake City, 51-53; asst. prof. pub. admin, Brigham Young, 53-56; pub. admin. adv. & for. serv. reserve officer, Agency Int. Develop, Indonesia, 56-62; assoc. prof. pub. admin, Southern California, 61-67, univ. party rep, Lahore, 64-65, chief of party of univ. contract, Nat. Insts. Pub. Admin. at Karachi, Dacca & Lahore, dept. admin. sci, Univ. Panjab & Civil Serv. Acad, Lahore, 65-67; for. serv. reserve officer & chief pub. admin. div, Agency Int. Develop, Pakistan, 67-69; sr. specialist, East-West Center, Univ. Hawaii, 69-70; PROF. POLIT. SCI, COLORADO STATE, 70- Res. specialist, Salt Lake County, Utah, 48. Res. consult, Utah Found, Salt Lake City, 53-54. Soc. Pub. Admin. Polit. Sci. Asn; Soc. Appl. Anthrop. Organizational theory and behavior; development administration and finance; role of bureaucracy in planned development; local government; planned or organizational change. Publ: Planned organizational change: a study in change dynamics, Routledge & Kegan Paul, London, 68 & Praeger, 69; Integration of political ethos and local government systems: the Utah experience with council manager government, Human Orgn, fall 64; Planning for national goals: implications for the development of the management administration in Pakistan, Nat. Inst. Pub. Admin. J, Karachi, Pakistan, 3/67. Address: Dept. of Political Science, Colorado State University, Ft. Collins, Colo. 80521.
- JONES, DR. GRANT D, b. Washington, D.C, Sept. 17, 41; m. 65; c. 1. CULTURAL & SOCIAL ANTHROPOLOGY. B.A., Pa. State, 62; Nat. Sci. Found. fel, Washington, 64; Ph.D. (agr. econ), Ohio State, 67. Teacher, high sch, 66, Nat. Inst. Ment. Health fel, 66-68, Ph.D.(anthrop), 69. ASST. PROF. ANTHROP. & CHMN. DEPT, HAMILTON COL, 68- N.Y. State For. Area Course Prep. grant, N.Y. State Dept. Ed, summer 70. Anthropol. Asn; Soc. Appl. Anthropol. Economic anthropology; anthropology of development and modernization; comparative agricultural systems; revitalization movements; historical analysis in anthropology; Mesoamerica; the Caribbean; ethnological theory. Publ: Co-auth, Linguistic problems in British Honduras, Caribbean Quart, 12; 55; auth, British Honduras, In: American peoples encyclopedia, Grolier, (in press). Address: Dept. of Anthropology, Hamilton College, Clinton, N.Y. 13323.
- JONES, DR. JAMES A. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 70-; School of Social Work, Columbia University, New York, N.Y. 10027.
- JONES, PROF. (JOHN) A(LAN). Cultural Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. soc. planning, 69-; College of Human Development, Pennsylvania State University, University Park, Pa. 16802.
- JONES, DR. LONNIE LEE, b. Clarksville, Tex, Apr. 29, 40; m. 61; c. 3. AGRICULTURAL & RESOURCE ECONOMICS. B.S. Stephen F. Austin State, 61; M.S. La. State, 64; Ph.D. (agr. econ), Ohio State, 67. Teacher, high sch, Woden, Tex, 61-62; ASST. PROF. AGR. ECON, TEXAS A&M, 67- Agr. Econ. Asn; Asn. Evolutionary Econ. Agricultural marketing and resource development especially development of regional interindustry economic models. Publ: Co-auth, Market power for agriculture in the Southwest, 68 & The southern rice industry, 70, Tex. A&M Univ. Address: Dept. of Agricultural Economics, Texas A&M University, College Station, Tex. 77843.
- JONES, PROF. LYLE V(INCENT). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also dean grad. sch. & chancellor, 69-; University of North Carolina at Chapel Hill, 104 South Bldg, Chapel Hill, N.C. 27514.
- JONES, DR. MARGARET HUBBARD. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Res. psychologist, 70-; Institute of Transportation & Traffic Engineering, Dept. of Engineering, University of California, Los Angeles, Calif. 90024.
- JONES, DR. MARSHALL B(USH). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 68-; Dept. of Behavioral Science, The Hershey Medical Center, Pennsylvania State University, Hershey, Pa. 17033.
- JONES, DR. MARTIN V. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Div. staff, 70-; Mitre Corp, Westgate Research Park, McLean, Va. 22101.
- JONES, PROF. MARY COVER, b. Johnstown, Pa, Sept. 1, 96; m. 20; c. 2. PSYCHOLOGY. A.B., Vassar Col, 19; M.A. Columbia, 20, Rockefeller fel, 25-27, Ph.D.(psychol), 26. Asst. psychologist, N.Y. Children's Hosp, 20; teacher, pub. schs, N.Y., 20-21; psychometrist, Commonwealth Fed Pre-Sch. Surv, 21-23; res. assoc. inst. child welfare res, Columbia, 23-25; lectr., Calif. State Dept. Ed, 27-28; res. assoc. inst. human develop, CALIFORNIA, BERKELEY, 28-59, lectr. psychol, univ, 46-59, assoc. prof, ED, 53-59, prof, 59-60, EMER. PROF, 60- Lectr. Woman's Med. Col. Pa, 21-22; res. assoc. psychol, Stanford, 61-65. Consult, inst. human develop, California, Berkeley, 70-; Fortieth Anniversary award, 69. Psychol. Asn.(pres, div. develop. psychol, 64-65; G. Stanley Hall award, 68); fel. Soc. Res. Child Develop; fel. Geront. Soc. Patterns of development in adolescent: interrelationship of physical, emotional, social factors; family life and child rearing practices in group of young adults whose adolescent development has been studied. Publ: Co-auth, The course of human development, Blaisdell, 69; auth,

A laboratory study of fear: the case of Peter, *Pedag. Sem.*, 7: 31: 308-315; Personality correlates and antecedents of drinking patterns in adult males, *J. Consult. Psychol.*, 32: 2-12. Address: 2663 Shasta Rd, Berkeley, Calif. 94708.

JONES, DR. NED GENE. Industrial Engineering, Management. See Suppl. V to 11th ed, *Phys. & Biol. Vols.*

JONES, DR. OLIVER. Economics, Statistics. See A-K Vol. 11th ed, *Soc. & Behav. Vols.* New position: Exec. v.p.res, Mortgage Bankers Assn. Am, 68-Address: 10417 Burnt Ember Dr, Silver Spring, Md. 20903.

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JONES, DR. RICHARD H(UNN). Statistics, Applied Mathematics. See 11th ed, *Phys. & Biol. Vols. & Suppl. V.*

JONES, DR. RICHARD R(ICH), b. Providence, R.I. Nov. 1, 35; m. 61; c. 2. PSYCHOLOGY. B.A. Maine, 57; M.A., 61; Ph.D.(psychol.), Oregon, 65. Asst. personnel psychologist, Armed Forces Induction Center, Detroit, Mich. 58-59; teaching asst. psychol. dept, Maine, 59-61; res. asst. univ. counseling center, Oregon, 61-63; ORE. RES. INST. 63-65; RES. ASSOC. PERSONALITY ASSESSMENT, ED. & DEVELOP. PSYCHOL., 65- Teaching asst. psychol. dept, Oregon, 65- res. assoc. inst. col. teaching, 66- acting dir. res. 66-67. Consult, Northwest Regional Ed. Lab. 65-; mem. Ore. Ed. Res. Coun. 67- U.S.A. 57-59. Psychol. Assn; Ed. Res. Assn. Personality assessment; psychometrics; educational and developmental psychology. Publ: Co-auth, Interrelationships among personality scale parameters: item response stability and scale reliability, *Ed. & Psychol. Measurement*, 67; auth, Differences in response consistency and subjects' preferences for three personality inventory response formats, *Proc. Annual Convention Am. Psychol. Assn.*, 68; co-auth, Volunteer satisfaction with in-country training for the Peace Corps, *Exp. Pub. Syst.* (in press). Address: Oregon Research Institute, P.O. Box 3196, Eugene, Ore. 97403.

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JONES, DR. ROYAL MAURICE, b. Franklin, N.C. Sept. 12, 37; m. 60; c. 1. ECONOMICS. B.S. Clemson, 60; M.S. Maryland, 62; Ph.D.(econ.), 67. Full-brig lectr. Ahwaf Agr. Col. Iran, 64-65; economist, U.S. Dept. Agr. 65-66; asst. prof. agr. econ. Georgia, 66-67; ECON. Western Carolina, 67-69. ASSOC. PROF. Agr. Econ. 69-. Econ. Assn. International economic development, especially land reform, Capital accumulation and trade and air considerations. Address: University of Alaska, 1820 W. Northern Lights Blvd, Anchorage, Alaska 99503.

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JONES, DR. THOMAS EVAN. Philosophy, Social Sciences. See 5th ed, *Dir. Am. Scholars*, Vol. IV, Philos, Relig. & Law.

JONES, DR. VERNON. Educational Psychology. See A-K Vol. 11th ed, *Soc. & Behav. Vols.* New information: Emer. prof. 68-, Dept. of Education, Clark University, Worcester, Mass. 01609.

JONES, DR. WILLIAM F. Genetics, Science Education. See 12th ed, *Phys. & Biol. Vols.*

JONYS, DR. BIRUTE P., b. Klaipeda, Lithuania; Can. citizen; m. 62; c. 1. PSYCHOLOGY. B.A. Toronto, 57; M.A., 59; Ph.D.(psychol.), Chicago, 63. Head inpatients, Toronto Psychiat. Hosp. ont, 64-65; sr. psychologist, North York Bd. Ed. Willowdale, Ont. 66-67; COUNSR, ALBERTA, 67-, ASSOC. PROF. PSYCHOL. 68-. Development of self and morality; psychopathology and concept of self. Address: Dept. of Psychology, University of Alberta, Edmonton, Alta. Can.

JORDAN, DR. AUGUSTUS E, b. Pelham, Ga. Mar. 22, 32; m. 56; c. 3. PSYCHOLOGY. B.A. Emory, 53; B.D. 56; Ph.D.(psychol.), Fla. State, 62. Res. assoc. psychol. Vet. Admin. Hosp., Columbia, S.C. 63; psychol. 68; Rahrer, Hilder & Agka, 63-66; ASSOC. PROF. MGT. GEORGIA STATE, 66- Psychol. Assn. Psychological testing; computer simulation of intelligence; personnel selection and training. Publ: Co-auth, Does visual after-

effects of motion add algebraically to objective motion of the test stimulus, *J. Exp. Psychol.*, 63, Lack of effect of stimulant and depressant drugs on spiral aftereffect, *Perceptual & Motor Skills*, 67 & The individual and the organization, *Inspection News*, 68. Address: Georgia State University, 33 Gilmer St. S.E., Atlanta, Ga. 30303.

JORDAN, DR. DAVID CRICHTON, b. Chicago, Ill. Apr. 30, 35; m. c. 3. GOVERNMENT. A.B. Harvard, 57; LL.B., Virginia, 60; Rockefeller fel., Pennsylvania, 61-63; Ph.D., 64. Asst. prof. Pa. State, 67 & FOR. AFFAIRS, VIRGINIA, 65-68, ASSOC. PROF., 68-, CHMN. DEPT., 69- Latin American politics; international politics and law. Publ: Co-auth, Nationalism in contemporary Latin America, *Free Press*, 66; auth, World politics in Our time, Heath, 70. Address: Dept. of Government & Foreign Affairs, 232 Cabell Hall, University of Virginia, Charlottesville, Va. 22903.

JORDAN, DR. EVAN P(AUL). Speech Pathology. See A-K Vol. 11th ed, *Soc. & Behav. Vols.* New position & address: Assoc. prof. speech path, 68-. Dept. of Speech Pathology & Audiology, University of Montana, Missoula, Mont. 59801.

JORDAN, DR. JAMES A(UGUSTUS), JR. Philosophy of Education. See 5th ed, *Dir. of Am. Scholars*, Vol. IV, Philos, Relig. & Law.

JORDAN, DR. TERRY G. Geography. See A-K Vol. 11th ed, *Soc. & Behav. Vols.* New position & address: Prof. & chmn, 69-, Dept. of Geography, North Texas State University, Denton, Tex. 76203.

JORDAN, DR. ZBIGNIEW ANTHONY, b. Golaszyn, Poland, July 23, 11; m. 52. SOCIOLOGY, PHILOSOPHY. M.A. Poznań, 34; Ph.D.(philos.), 36. Asst. lectr. philos. Poznań, 36-39; res. fel. inst. East. European Studies, Fribourg, 58-61; sr. vis. fel. Russian Inst., Columbia, 62-64; lectr. PHILOS. OF SOC. SCI., DEPT. SOCIOLOGY, Reading, 64-68; res. 68-69; PROF. CARLETON (ONT), 69- Polish Forces, 40-47. Assn. Symbolic Logic; Brit. Soc. Philos. Sci; Aristotelian Soc. Publ: Philosophy and ideology, D. Reidel, Dordrecht, 63; The evolution of dialectic materialism, Macmillan & St. Martin's, 67; On logical determinism, *Notre Dame J. Formal Logic*, 63. Address: Dept. of Sociology & Anthropology, Carleton University, Ottawa, Ont. Can.

JORDY, GEORGE YESSLER. Mathematics, Economics. See A-K Vol. 11th ed, *Soc. & Behav. Vols.* New position: Pres. Jordy Associates, Inc. 69-Address: 814 College Pkwy, Rockville, Md. 20850.

JORGENSEN, DR. E. CLAY, b. Roosevelt, Utah, Apr. 29, 37; m. 61; c. 5. PSYCHOLOGY. B.A. Brigham Young, 62; M.A., 63; Ph.D.(psychol.), 68. Psychometrist, Utah State Prison, 63; intern psychol., Utah State Hosp. 63-64; counsr., Brigham Young, 64-65, instr. PSYCHOL. 65-66, ASST. PROF. 67-68; EAST. WASH. STATE COL. 66-67 & 68- Clin. psychologist, Spokane Child Guid. Clin. 69-, psychologist, Utah State Hosp. summer 65. Psychol. Assn. Human emotion; interpersonal communication perception. Address: Dept. of Psychology, Eastern Washington State College, Cheney, Wash. 99004.

JORGENSEN, PROF. ERLING SEJR. Education, Instructional Media. See 5th ed, *Dir. Am. Scholars*, Vol. II, Eng, Speech & Drama.

JORGENSON, PROF. DALE W. Economics. See A-K Vol. 11th ed, *Soc. & Behav. Vols.* New position & address: Prof. econ. 69-, Harvard University, 1737 Cambridge St, Room 510, Cambridge, Mass. 02138.

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JOSEPH, PROF. MICHAEL P(ETER). Statistics, Counseling. See A-K Vol. 11th ed, *Soc. & Behav. Vols.* Change of address: 6372 Mississippi Blvd. N.W., Coon Rapids, Minn. 55433.

JOSEPH, DR. ROGER, b. Pasadena, Calif. July 23, 38; m. 63. ANTHROPOLOGY. B.A. Nevada, Reno, 60; M.A. California, Los Angeles, 63; Ph.D. (anthrop.) 67. ASST. PROF. ANTHROP. CALIF. STATE COL. FULLERTON, 67- AAAS; Anthrop. Assn. Study of social uses of wealth in Morocco; Martiniqne; economics; religion; philosophy. Address: Dept. of Anthropology, California State College at Fullerton, 800 N. State College Blvd, Fullerton, Calif. 92631.

JOSEY, PROF. CHARLES C(ONANT). Psychology. See A-K Vol. 11th ed, *Soc. & Behav. Vols.* Change of address: Box 1522, Tryon, N.C. 28782.

JOSKOW, DR. JULES. Economics. See A-K Vol. 11th ed, *Soc. & Behav. Vols.* Change of address: 127 Station Rd, Kings Point, N.Y. 11023.

JOST, DR. KENNETH C. Psychology. See A-K Vol. 11th ed, *Soc. & Behav. Vols.* New position: Chief clin. psychologist, Racine Co. Ment. Health Clin. 68- Address: 5200 Athens Ave, Racine, Wis. 53406.

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- JREISAT, DR. JAMIL E. b. Jordan, Apr. 9, 35. PUBLIC ADMINISTRATION, POLITICAL SCIENCE. B.S. American Univ. 62; M.P.A. Pittsburgh, 63, Ph.D.(pub. & int. affairs), 68. Sr. officer, dept. of customs, Ministry of Finance & Customs, Jordan, 59-65; instr. pub. admin. Pittsburgh, 66-67, lect. 67-68; ASST. PROF. POLIT. SCI. SOUTH FLORIDA, 68. Inter-Univ. Res. Prog. Inst. Bldg. res. grant, Mid. East & U.S., 67-68. Soc. Pub. Admin.; tel. Mid. East Studies Assn. N.Am.; Mid. East Inst. Comparative and development administration. Address: Dept. of Political Science, University of South Florida, Tampa, Fla. 33620.
- JUERGENSMEYER, DR. J(ohn) E(L). Politics, Public Law. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Acting head dept. govt. Judson Coll; proprietor, Juergensmeyer Law Offices, 69- Address: Lawyers Bldg, Suite 500, 5 Douglas Ave, Elgin, Ill. 60120.
- JUDY, PROF. RICHARD W. Economics, Computer Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: Institute for the Quantitative Analysis of Social & Economic Policy, University of Toronto, 150 St. George St, Toronto 5, Ont., Can.
- JULIAN, DR. JOSEPH. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., Dept. of Sociology, University of Nebraska, Lincoln, Nebr. 68508.
- JUN, DR. JONG SUP, b. Sunsan, Korea, July 26, 36; m. 64; c. 1. PUBLIC ADMINISTRATION, POLITICAL SCIENCE. LL.B. Taegu Univ, Korea, 60; M.A. Oregon, 64; Ph.D.(pub. admin.), Southern California, 69. Res. assoc. teach. assistance prof. Southern California, 65-68, lect. 68; ASST. PROF. PUB. ADMIN. CALIF. STATE COL. HAYWARD, 68. Soc. Pub. Admin.; Polit. Sci. Assn. Int. Studies Assn. Evaluation of United States technical assistance abroad; public policy; organization theory and behavior; developing better research methodology in the behavioral science through computers. Publ: Co-auth. The counterpart relationship and the American professional overseas. Publ. Personnel Rev. 1/68; auth. Some considerations of the role of bureaucracy: effecting modernization of Korea, Korean Quart. spring 68. Address: Dept. of Public Administration, California State College at Hayward, Hayward, Calif. 95542.
- JUNG, DR. JOHN. Experimental Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., California State College at Long Beach, Long Beach, Calif. 90801.
- JUNG, DR. RICHARD. Psychology, Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. Prof., 70-. Dept. of Sociology, University of Alberta, Edmonton 7, Alta, Can.
- JUNK, DR. PAUL E(DWIN). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Also Chmn., 70-. Dept. of Economics, University of Missouri, Columbia, Mo. 65201.
- JURALEWICZ, DR. RICHARD S. b. Torrington, Conn. June 25, 35; m. 58; c. 3. INDUSTRIAL PSYCHOLOGY, ORGANIZATIONAL BEHAVIOR. B.M.E. Gen. Motors Inst. Tech. 58; M.S. Rensselaer Polytech. 62, Gen. Motors fel. 62-66, Ph.D.(mgt), 66. Test engr. new departure div. Gen. Motors Corp. Conn. 58-59, proj. engr. 59-62; asst. sch. mgt. Rensselaer Polytech. 63-66; asst. prof. mgt. sch. bus. admin. Minnesota, Minneapolis, 66-69; ASSOC. PROF. MGT. ENGR. WORCESTER POLYTECH. 69. Instr. mgt. develop. seminars, Minn. State Agr. Stabilization & Conserv. Serv. Off. U.S. Dept. Agr. spring 69. Consult. Minn. Mining & Mfg. Co. Oliver D. Billing & Assocs, Inc. Dayton's Retail Dept. Stores, Target Discount Stores, Pepsi-Cola Co. metal stamping and construction firms, 66-; NASA Manned Spacecraft Center, 67-U.S.A. 59-66. Inst. Mgt. Sci. Bldg. Res. Inst. Mgt. Assn. Ord. Assn. Acad. Polit. & Soc. Sci. Motivational basis of organization behavior and productivity in unstructured environmental situations; cross-sectional study of groups in various settings of construction, industrial distribution and engineering and development activities; validation of a perceived productivity index as a measure to evaluate operational effectiveness. Publ: Micro analysis of organizational behavior and management of an engineering and research facility at NASA-MRC, NASA Manned Spacecraft Center, 68; Management profile of Minnesota organizations engaged in non-residential construction, 69 & Managerial effectiveness among Minnesota organizations engaged in non-residential construction, 69, Univ. Minn; plus others. Address: Dept. of Management Engineering, Worcester Polytechnic Institute, Worcester, Mass. 01609.
- K**
- KAAS, DR. JON HOWARD. Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- KAATS, MAJ. GILBERT ROGER, U.S.A.F. b. Laurelton, N.Y., May 24, 33; m. 57; c. 2. PSYCHOLOGY. B.A. Maryland, 64; A. George Washington, 65; Ph.D.(psychol), Colorado, 69. U.S. AIR FORCE, 34-, transport navigator, McGuire Air Force Base, N.J., 55-59, air sea rescue navigator & asst. personnel officer, Anderson Air Force Base, Guam, 59-61, transport navigator & admin. officer, Andrews Air Force Base, Md, 61-65, ASSOC. PROF. PSYCHOL., AIR FORCE ACAD., 65-. Off. Aerospace Res. grant, 70-71. Psychol. Assn. Attitude assessment, personality factors in behavior differences under stress; changes in beliefs, attitudes and personality during a college education; social problems; child psychology; cognitive development; human sexual behavior; attitude change. Publ: An approach to attitude assessment in a military setting, 69 & Developmental changes in belief systems during a service academy education, 69. Proc. Am. Psychol. Assn. The dynamics of sexual behavior of college students, J. Marriage & the Family, 70. Address: 9147 E. Oxford Dr, Denver, Colo. 80237.
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- KAEHLING, DR. RUDOLF. Psychiatry, Anatomy. See 11th ed, Soc. & Behav. Vols. New position: Prof. psychiat, Ohio State, 69- Address: 473 W. 12th Ave, Columbus, Ohio 43210.
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- KAGIWADA, DR. GEORGE, b. Los Angeles, Calif., July 4, 31; m. 58; c. 3. SOCIOLOGY. B.A. California, Los Angeles, 58, M.A. 62, Ph.D.(sociol), 69. Instr. SOCIOL. San Fernando Valley State Col, 63-66, ASST. PROF., 66-68; MANITOBA, 68- U.S.A. 54-56. Sociol. Assn. Ethnic relations; social stratification; general methodology. Publ: Co-auth. Hansen's law of third-generation return and the study of American religio-ethnic groups, Phylon, 68. Address: Dept. of Sociology, University of Manitoba, Winnipeg 19, Man, Can.
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- turbed adolescents. Publ: Wechsler intelligence scale of children as an instrument for measuring sociopathy, Dissertation Abstracts, 64 & Gestalt therapy and intrapersonal perceptions in an adolescent group. Psychother: Res. Theory & Practice, 70. Address: 1854 Joan of Arc Circle, Cuyahoga Falls, Ohio 44223.
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- KALLIO, EDWIN. Forest Economics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- KALUGER, DR. GEORGE. Psychology, Counseling. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: New publ: Co-auth. Psychology & sociology: an integrated approach to human behavior, Mosby, 69; co-auth. Reading and learning disabilities, Merrill, 69. Address: 625 Brenton Rd., Shippensburg, Pa., 17527.
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- KANUNGO, DR. RABINDRA NATH. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. psychol., 69- Faculty of Management, McGill University, 120 Pine Ave. W., Montreal 110, Que., Can.
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- KASOFF, DR. MARK JAY, b. New York, N.Y., June 17, 42; m. 64; c. 2. ECONOMICS. B.A., City Col. New York, 64; M.A., Indiana, 67, Ph.D. (econ), 69. ASST. PROF. ECON, ANTIOCH COL, 68- Consult, Urban Transportation Inst, Syracuse, 69- Econ. Assn. Urban economics; urban transportation, particularly modal split, quality of transit service and differences by city size. Publ: Quality of service and transit use, Traffic Quart, 1/70. Address: Dept. of Economics, Antioch College, Yellow Springs, Ohio 45387.
- KASPERSON, DR. ROGER E. Geography. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. govt. & geog., 69-, Clark University, Worcester, Mass. 01610.
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- KASSCHAU, DR. RICHARD A, b. Paterson, N.J., Feb. 5, 41; m. 64; c. 1. EXPERIMENTAL PSYCHOLOGY. A.B., Rochester, 62; M.A., Iowa, 64; fel. Tennessee, 65-67, Ph.D. (exp. psychol), 67. ASST. PROF. PSYCHOL, SOUTH CAROLINA, 67- Grants, Univ. S.C. Cmt. Res. & Prod. Scholar, 67-68 & 69-70, U.S. Off. Ed, 69-70. Psychol. Assn; Psychonomic Soc. Transfer of training; short term memory; semantic satiation; measurement meaningfulness. Publ: Co-auth, Response transfer mediated by meaningfully similar and associated stimuli using a separate lists design, 74; 146-148 & Associative structure and the temporal characteristics of free recall, 76; 190-197, J. Exp. Psychol; auth, Semantic satiation as a function of duration of repetition and initial meaning intensity, J. Verbal Learning & Verbal Behav., 69. Address: Dept. of Psychology, University of South Carolina, Columbia, S.C. 29208.
- KASSM, DR. RAFIK M, b. Damascus, Syria, June 30, 30; m. 60; c. 2. MANAGEMENT, ACCOUNTING. B.S., Cairo, 53; M.B.A., Pennsylvania, 62, Ph.D. (bus), 68. Instr. acct. & econ, Damascus, 58-60; Lafayette Col, 65-67; ASST. PROF. ACCT. & COST, RENSSELAER POLYTECH, 67- Am. Acct. Assn. Macro-Micro analysis for business organizations; labor discipline and theory of business organization. Address: School of Management, Rensselaer Polytechnic Institute, Troy, N.Y. 12181.
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- KAST, PROF. FREMONT E, b. Modesto, Calif., Jan. 27, 26; m. 48; c. 2. MANAGEMENT, ORGANIZATION THEORY. B.A., San Jose State Col, 46; M.B.A., Stanford, 49; D.B.A. (bus), Washington (Seattle), 56. Instr. bus. admin, Syracuse, 49-51; from Instr. to PROF. MGT. & ORGN. THEORY, WASHINGTON (SEATTLE), 51- Vis. assoc. prof, Columbia, 57-58; Fulbright prof, Netherlands Sch. Econ, 63-64. U.S.N., 44-46, Lt. (jg). Acad. Polit. & Soc. Sci; Sociol. Assn; Admin. Assn; Pol. Sci. Assn. Systems management; studies of the relationship between technology and organization structure and psycho-social systems. Publ: Co-auth, Science, technology, and management, 63, The theory and management of systems, 67 & Organization and management, 70, McGraw. Address: Dept. of Management, University of Washington, Seattle, Wash. 98105.

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- KATCHER, DR. AARON HANNA. Ph.D. Philadelphia, Pa., Jan. 1, 32; m. 59; c. 3. PSYCHIATRY. A.B. Williams Coll, 52; M.D. Pennsylvania, 56. Res. psychiatrist, Inst. Pa. Hosp., 60-61; hosp. CH. DENT. MED., PENNSYLVANIA, 61-63, asst. instr., 57-63, instr. psychol. & med., 63-65, assoc., 65-68, asst. prof. PSYCHIAT., 68-69, ASSOC. PROF., 69-. U.S. Pub. Health Serv. fcls, Pennsylvania, 57-60, career develop. award, 63-68. Mem. coun. on circulation, Am. Heart Assn; mem. prfl. adv. bd, Found. Thanatology. Psychiat. Asn; Fedn. Clin. Res; Pub. Health Asn; Coun. Med. TV; Behav. Sci. in Dent. Res. Behavioral science; cardiovascular experimentation. Publ: Co-auth, Electrocardiogram, myocardial oxygen, and contraction in scar, and collaterally supplied muscle after experimental coronary ligation, Circulation Res. II, 62; The restructuring of behavior in a Messianic cell. In: Personality and social life, Random House, 65 & Heart rate and blood pressure responses to signalled and unsignalled shocks: effects of cardiac sympathectomy, J. Comp. & Physiol. Psychol., 68; 163-174. Address: 4001 Spruce St, Philadelphia, Pa. 19104.
- KATCHER, DR. (ALLAN). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Pres., 69-, Atkins-Katcher Associates, Inc., 8201 Beverly Blvd, Los Angeles, Calif. 90048.
- KATES, DR. ROBERT W. Brookline, N.Y., Jan. 31, 29; m. 48; c. 3. GEOGRAPHY. Indiana, 57; A.M. Chicago, 60. Resources for the Future, 61-62, Ph.D.(geog.), 62. Asst. prof. GEOG. grad. sch. geog., Clark, 62-65, assoc. prof., 65-67; lectur. Univ. Col. Dar es Salaam, Tanzania, 67-68; PROF., GRAD. SCH. GEOG., CLARK, 68-. Prin. investr. study of flood damage, Harvard Water Resources Prog., 63-65; dir. Bur. Resource Assessment & Land Use Planning, Univ. Col. Dar es Salaam, 67-69; guest lectur. Nat. Sci. Found. Summer Inst. Introductory Geog., 66. Mem. cmt. on Alaska earthquake, Nat. Res. Coun-Nat. Acad. Sci., 64; Task Group Human Dimensions of Atmosphere, Nat. Center Atmospheric Res., 66-67. Asn. Am. Geog. Geog. Soc.; Regional Sci. Asn. Environmental perception, especially natural hazards; resources management, particularly water resources and development problems. Publ: Hazard and choice perception in flood management, 62, Industrial flood losses: damage estimation in the Lehigh Valley, 65 & co-auth. Readings in conservation and resource management, 69, Univ. Chicago. Address: Graduate School of Geography, Clark University, Worcester, Mass. 01610.
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- KATZ, DR. ALFRED. Political Science, History. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 627 W. Crestwood Dr, Peoria, Ill. 61614.
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- KATZ, DR. JOSEPH. B. Zwickau, Germany, Mar. 14, 20; nat. m. 55; c. 3. PHILOSOPHY. M.A. Pennsylvania, 42; fel. Columbia, 43-44, Ph.D. 48. Lectr., Columbia, 45-46, 52; instr., Cornell, 46-47; asst. prof., Amherst Coll., 47-48; Vassar, 48-54, assoc. prof., 54-59, prof., 59-61; EXEC. DIR., INST. STUDY HUMAN PROBLEMS, STANFORD, 61-. Woodbridge Prize, Columbia, 49; U.S. Pub. Health Serv. res. fel. & res. assoc. psychiatrist, California, Berkeley, 58-60. Consult., Group Advanc. Psychiat., 61-. Ortho-psychiat. Asn; fel. Philos. Asn; Soc. Psychol. Stud. Social Issues. Personality psychology; ethics; ancient philosophy. Publ: Co-auth, The American college, Wiley, 52 & Philosophy in the West, Harcourt, 65; auth., No time for youth, Jossey-Bass, 68. Address: Institute for the Study of Human Problems, Stanford University, Stanford, Calif. 94305.
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- KATZ, DR. LEONARD. B. Boston, Mass., Mar. 6, 38; m. 62; c. 2. EXPERIMENTAL PSYCHOLOGY. B.S. Massachusetts, 59, Ph.D.(psychol.), 63. Fel. PSYCHOL., inst. math. studies in soc. sci., Stanford, 63-65; asst. prof., CONN. COL., 65-68; ASSOC. PROF., 68-. Nat. Inst. Ment. Health grants, 67-69; Nat. Inst. Child Health & Human Develop. grant, 67-71. U.S.A.R., 57-63. Psychol. Asn. Short-term memory; verbal learning; reading; mathematical psychology. Publ: Amount of reward and relative frequency of amount of reward in paired-associate learning, Can. J. Psychol., 66. The limited capacity hypothesis: effects of sequence length and instructions in free-recall, J. Verbal Learning & Verbal Behav., 68 & Motivation and retrieval in short-term free recall, J. Exp. Psychol., 69. Address: Dept. of Psychology, University of Connecticut, Storrs, Conn. 06268.
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- KATZ, PROF. MILTON. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- KATZ, DR. PHYLLIS A(LBERTS). Developmental Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. ed, psychol., 69-, Division of Teacher Education, City University of New York, 33 W. 42nd St, New York, N.Y. 10036.
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- KATZEV, DR. RICHARD. B. Los Angeles, Calif., Feb. 2, 37; m. 58; c. 2. EXPERIMENTAL PSYCHOLOGY. B.A. Stanford, 68; Ph.D.(psychol.), California, Berkeley, 65. Fel. PSYCHOL., sch. med. California, 65-66; lectr., California, Santa Barbara, 66-67; ASST. PROF., REED COL., 67-. AAAS; Psychol. Asn. Conditioning theory; avoidance learning; aggression; social influence processes. Address: Dept. of Psychology, Reed College, Portland, Ore. 97202.
- KAU, DR. YING-MAO. B. Taiwan, China, Aug. 31, 34; U.S. citizen; m. 59; c. 3. POLITICAL SCIENCE. B.A. Taiwan, 56; M.A. Cornell, 60, univ. fel., 64-65, London-Cornell Proj., fel., 65-66, Ph.D.(polit. sci.), 68. Instr. POLIT. SCI. BROWN, 66-68, ASST. PROF., 68-. Soc. Sci. Res. Coun. res. grants, 67, 69-70; res. fel. center adv. study, Univ. Illinois, 69-70. Polit. Sci. Asn. Asn. Asian Studies. Political development; comparative government; Chinese politics. Publ: Bureaucratic and political development in Communist China, Stanford Dept., 58; PRIN. PROJ. INVESTR., 59. DIR. CHINA STUDIES, Communist politics in action, Univ. Washington, 69. Address: Dept. of Political Science, Brown University, Providence, R.I. 02912.
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- KAUFMAN, DR. MILDRED KANTOR. B. Bronx, N.Y., Jan. 28, 30; m. 68. SOCIOLOGY. A.B. Rochester, 51; A.M. North Carolina, 54, Ph.D.(sociol.), 56. Asst. inst. res. soc. sci., North Carolina, 52-53, superv. soc. sci. statist. lab., 53-55, asst. soc. sci., 55; proj. dir. MENT. HEALTH RES., ST. LOUIS COUNTY HOSP., ST. LOUIS, 58-60, PROJ. INVESTR., 59. DIR. CHINA STUDIES, 61-. Lectr., Washington (St. Louis), 57-63, asst. prof., 64-69, asst. prog. dir. & res. assoc. soc. sci. inst., 58-, consult. metrop. pop. proj., res. assoc. inst. urban & regional studies, 62-63; lectr., sch. nursing, St. Louis, 61-, prof. lectr., dept. neurol. & psychiat., Univ. 66-, asst. prof., dept. community med., 69-. Consult. dent. study, Alabama, 55; Med. Care Res. Center, Jewish Hosp. St. Louis & Washington (St. Louis), 67; work group on socialization in the classroom, Soc. Sci. Res. Coun. Mem. study group health statist. & comprehensive health planning & eval. Nat. Center Health Statist., 67; census rep. St. Louis Metrop. Area; mem. prog. planning cmt., Nat. Conf. Soc. Welfare. Ernest W. Burgess award, 58. Sociol. Asn; Philat. Asn; Pop. Asn. Am; Pub. Health Asn. Population movement; parental attitudes and behavior in relation to adjustment of children; social factors in relations to public health; evaluation of health programs; residential and social mobility in relation to mental health. Publ: Mobility & mental health, C.C. Thomas, 65; co-auth, Socio-economic level and maternal attitudes toward parent child relationships to emotional adjustment, sex, and social class, J. Soc. Issues & Maternal attitudes and emotional adjustment in school children, In: Research on parental attitudes and child behavior. Address: St. Louis County Health Dept., 801 S. Brentwood, Clayton, Mo. 63105.
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- KAUFMAN, DR. TERENCE SCOTT. Linguistics. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang. Ling. & Philol.
- KAUFMANN, DR. HUGO M. B. Basel, Switz., Mar. 19, 32; m. 55; c. 1. ECONOMICS. Basel, 51-53; Ph.D.(econ), Columbia, 68. Lectr. ECON, Brooklyn Coll., 62-64; ASST. PROF., Franklin & Marshall Coll., 64-67; QUEENS COL. (N.Y.), 67-. Econ. Asn. Monetary and international economics. Publ: Germany's revaluation debate 1961, Weltwirtschaftliches Archiv, 70 & co-auth. An examination of the techniques of German monetary policy, (in press). Address: Dept. of Economics, Queens College, Flushing, N.Y. 11367.
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- KAY, DR. BARBARA ANN. B. Suffern, N.Y., Mar. 2, 29. SOCIOLOGY. B.Sc., Ohio State, 55, M.A., 56, Nat. Inst. Health fel., 60-61, Ph.D.(sociol.), 61. Teaching asst., Ohio State, 57-58, asst. instr., 59-60; Instr., Wittenberg, 58-



- 59; asst. prof. Northern Illinois, 61-63; Massachusetts, 63-65; assoc. prof. Fla. State, 65-66; task force dir. Joint Cmn. Correctional Manpower & Training, Inc., D.C., 66-67; ASSOC. PROF. PSYCHIAT. & SOCIOI., FLORIDA, 68- Res. asst., delinquency proj., Ohio State Develop. Fund, 55-58, 64; Nat. Insts. Health res. grant, 62; faculty res. grant, Massachusetts, 65. Consult. President's Cmn. Law Enforcement & Admin. Justice, 66; W.Coast Independent Sch., Calif., 67- AAAS; Soc. Study Social Probs; Sociol. Assn. Delinquency and self concept; female offenders' self perceptions; sex role differentiations. Publ: Co-auth. Probation and parole, 63 & Penology: a realistic approach, 64 & 69, C.C. Thomas; auth. The female offender, President's Cmn. Law Enforcement & Admin. Justice, 67. Address: 2233 N.W. 19th Lane, Gainesville, Fla. 32601.
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- KEASEY, DR. CHARLES BLAKE, b. Evanston, Ill, June 1, 40; m. 66; c. 1. DEVELOPMENTAL & SOCIAL PSYCHOLOGY, B.S., Iowa State, 64, M.A., 66; Ph.D. (psychol), Berkeley, 69. ASST. PROF. PSYCHOL, DOUGLASS COL., RUTGERS, 69- U.S.A., 59-65. Social influence, especially from peer group; cognitive view of social and personality development, especially moral development, sex-role acquisition and locus of control. Publ: Co-auth. The effect of labeling as an informational social influence upon color perception, J. Soc. Psychol, 69 & Honesty and altruism among preadolescents, Develop. Psychol, 70; auth. Sex differences in yielding to temptation: a function of the situation, J. Genetic Psychol, 70. Address: Dept. of Psychology, Douglass College of Rutgers, The State University, New Brunswick, N.J. 08903.
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- KEELER, DR. EMMETT BROWN. Mathematical Economics, Systems Analysis. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- KEEN, PROF. FORREST M(EARL). Sociology. See 11th ed, Soc. & Behav. Vols, deceased 68.
- KEENAN, DR. JAMES J(OSEPH). Behavioral Science, Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: President, 70-, Keenan & Assoc, Cavalry Rd, Wilton, Conn. 06897.
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- KEENEY, PROF. BOB M., b. El Dorado Springs, Mo, Oct. 2, 24; m. 44; c. 2. FINANCE, ECON., Missouri-Columbia, 51-54; Missouri-Kansas City, 60-62, M.B.A., 63; Ph.D. (econ), 63. Staff mem, Touche, Ross & Co, 53-57; v.pres. & treas, Ingalls Co, 57-60; Instr. sch. bus, Kansas, 62-64; asst. prof. finance, Missouri-Kansas City, 64-67, assoc. prof, 67-70; PROF. BUS. ADMIN. & ECON. & CHMN. DIV. BUS. ADMIN. COL. OF THE VIRGIN ISLANDS, 70- Econ. Assn; Finance Assn; Inst. Cert. Pub. Adm. Hist. of cost doctrine; current cost concepts; security analysis. Address: Dept. of Business Administration, College of the Virgin Islands, P.O. Box 1826, St. Thomas, Virgin Islands 00801.
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- Publ: The use of two projective drawing techniques as indices of masculinity and femininity with children of varying levels of intelligence, Univ. Pittsburgh, 65; Implications for driver training for secondary educable retarded, Ann. Pa. Fedn. Coun. Except. Children, 68. Guidelines for aiding and understanding the educable mentally retarded child in Pennsylvania, Dept. Pub. Instr. & Dept. Spec. Ed. Millersville State Col., 1/69. Address: Dept. of Education and Psychology, Millersville State College, Millersville, Pa. 17551.
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- KING, DR. THOMAS ROY. Speech, Communications. See 5th ed, Dir. Am. Scholars, Vol. II, English, Speech & Drama.
- KINNARD, PROF. WILLIAM N(OBLE), JR. Economics. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Also assoc. dean, 69-, School of Business Administration, University of Connecticut, Storrs, Conn. 06268.
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- KINTSCH, PROF. WALTER, b. Temeschwar, Rumania, May 30, 32; m. 59. EXPERIMENTAL PSYCHOLOGY. Fulbright scholar, Kansas, 55-56, M.A., 56, Ph.D. 60. Asst. exp. psychol, Kansas, 57-60; U.S. Pub. Health Serv. res. fel. Indiana, 60-61; asst. prof. PSYCHOL, Missouri-Columbia, 61-64; assoc. fel. 64-65; California, Riverside, 65-67; vis. prof. Stanford, 67-68; PROF., COLORADO, 68-. Psychol. Asn; Psychonomic Soc. Mathematical models of memory and learning. Publ: Learning, memory and conceptual behavior, Wiley, 70. Address: Dept. of Psychology, University of Colorado, Boulder, Colo. 80302.
- KINTZ, DR. ROBERT. Physiological Optics, Vision. See 12th ed, Phys. & Biol. Vols.
- KINZER, DR. JOHN R(OSS). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New position: Res. psychologist, pub. policy res. orgn, California, Irvine, 69-. Address: 1001 Chawwood Lane, Santa Ana, Calif. 92705.
- KIPPS, DR. PAUL HENRY, b. Aroda, Va., Feb. 19, 32; m. 60; c. 1. ECONOMICS. B.S., Va. Polytech, 58, M.S. 65; Ph.D. (agr. econ), Cornell, 68. Asst. prof. ECON, MADISON COL., 68-69, ASSOC. PROF., 69-. Agr. Econ. Asn; Econ. Asn. Economic theory; international economics and development; agricultural economics and marketing. Address: Dept. of Economics, Madison College, Harrisonburg, Va. 22801.
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- KIRCHNER, DR. WAYNE K(ERMIT). Industrial Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 6304 York Ave. S., Minneapolis, Minn. 55435.
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- KIRK, DR. PAUL L(IVINGSTON), b. Stockton, Calif., May 19, 27; m. 50, 68; c. 4. ANTHROPOLOGY, LINGUISTICS. B.A., Lewis & Clark, 52; Nat. Defense Ed. Act fel., Washington (Seattle), 60-63 & 65, M.A., 62, Ph.D. (ling), 66. Field researcher ling. & anthrop., Summer Inst. Ling. 53-67; asst. prof. ANTHROP. SAN FERNANDO VALLEY STATE COL., 67-70, ASSOC. PROF. & CHMN. DEPT. 70-, acting chmn. dept. 69-70, Am. Philos. Soc. grant, 69. U.S.N. 45-46. Ling. Soc. Am; fel. Am. Anthropol. Asn; Int. Ling. Asn. Synchronic and diachronic linguistics; dialectology; kinship systems; Meso-America. Publ: Mana xuju, Instituto Linguistico de Verano, 61; A note on morphemic fusion and empty morphs, Studies in Ling. 14; 7-9; Social vs consanguineal distance as reflected by Mazatec kinship terminology, In: Suma antropologica en homenaje a Robert J. Weilandner, Instituto Nacional de Antropologia e Historia, 66. Address: Dept. of Anthropology, San Fernando State College, 18111 Nordhoff St, Northridge, Calif. 91324.
- KIRK, DR. WILLIAM EDMUND, b. Martins Ferry, Ohio, Jan. 22, 37; m. 59; c. 4. EXPERIMENTAL PSYCHOLOGY. B.S., Marietta Col., 59; M.S., Ohio, 66, Ph.D. (psychol), 69. Teacher, Caldwell Exempted Village High Sch. 59-60; Avon Lake High Sch. 60-63; res. asst. statist. for Paul A. Games, Ohio Univ. 63-64; fel. PSYCHOL, Ohio, 65-66; ASSOC. PROF., SLIPPERY ROCK STATE COL. 67-. Asst. prof., St. Lawrence Univ. summer, 65. U.S.A.F.R. 53-63. AAAS. Temporal conditioning; habituation; the orienting response using the human Galvanic Skin Response as a measure. Address: Dept. of Psychology, Slippery Rock State College, Slippery Rock, Pa. 16057.
- KIRKENDALL, DR. LESTER A(LLEN). Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. New information: Retired, Oregon State; res. & writing. Address: 12601 S.E. River Rd. Apt. 321, Portland, Ore. 97222.
- KIRKHART, DR. ROBERT OLIN. Clinical & Social Psychology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Change of address: 1557 Middleton Rd, Hudson, Ohio 44236.
- KIRKPATRICK, PROF. CLIFFORD. Sociology. See A-K Vol. 11th ed, Soc. & Behav. Vols. Correction in address: Route 12, Bender Rd, Bloomington, Ind. 47401.
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- KIRZNER, PROF. ISRAEL M(AYER). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, 68-, Dept. of Economics, New York University, New York, N.Y. 10003.
- KISCH, PROF. HERBERT, b. Prague, Czech, June 12, 24; U.S. citizen; n. 54; c. 2. ECONOMICS, ECONOMIC HISTORY. B.Sc. London, 48; B.Com, 49; Ph.D.(econ), Washington (Seattle), 58. Res. economist, California, Berkeley, 52-56; acting asst. prof. ECON, Washington (St. Louis) Univ. Lectr, MICH. STATE, 59-60, asst. prof, 60-63, assoc. prof, 63-69, PROF, 69- Soc. Sci. Res. Coun. grant, 58-59; Rockefeller Found. grant, 61-62; Fulbright lectr, Free Univ. Berlin, 67-68. Czech. Armored Brigade, England & N.W. Eu-rope. Econ. Asm; Econ. Hist. Asm. European economic history; indus-trialization in Western Germany, the 18th and 19th centuries. Publ: The textile industries in Silesia and the Rhineland—a comparative study in industrial-ization, J. Econ. Hist, 12/59; The impact of the French Revolution on the lower Rhine textile districts, Econ. Hist. Rev, 12/62; Prussian mercantilism and the rise of the crested silk industry, Trans. Am. Philos. Soc, 11/68. Address: Dept. of Economics, Marshall Hall, Michigan State University, East Lansing, Mich. 48823.
- KISTLER, DR. RICHARD EDWIN, b. Ludington, Mich, June 20, 31; m. 59. MANAGEMENT SCIENCE. B.A. Lewis & Clark Col, 52; M.Ed, Portland, 56; Ford Found. grant, Stanford, 59-61, Eastman Kodak grant, 61-62, Ph.D. (mgt. sci), 64. Ins. underwriter, Phil Grossman Co, 54-59; instr. bus. math, Stanford, 61-62, opera. res. analyst, U.S. NAVAL WEAPONS CENTER, 62-66, SUPPLY. OPERS. RES. ANALYST, 66- Instr. Chula Lake Exten, Univ. Southern California, 68- U.S. Naval Weapons Center fel. mgt. award, 67. Sci. Res. Soc. Asm. Present value analysis; cost-effectiveness analysis of military systems; studies of antisubmarine tactics; studies of Fleet Air Defense procedures employing the methods of operations research and systems analysis. Address: U.S. Naval Weapons Center, Code 127, 704A Nimitz Ave, Chula Lake, Calif. 93555.
- KISTLER, DR. ROBERT CHARLES, b. Philadelphia, Pa, Mar. 7, 26; m. 51; c. 1. SOCIOLOGY. B.A. South. Missionary Col, 48; M.A. Andrews, 60; M.A. Maryland, 62. Ph.D.(sociol), 67. Instr. SOCIOL, Maryland, 62-67, ASST. PROF. ANDREWS, 67- Soc. Sci. Asm; Nat. Coun. Family Rels. Occupational sociology and the field of the family. Publ: Co-auth, Role dilemmas of Protestant clergymen in a metropolitan community, Rev. Relig. Res, spring 65. Address: Dept. of Sociology, Andrews University, Berrien Springs, Mich. 49104.
- KIVLIN, DR. JOSEPH EDWARD, b. Readville, Mass, Apr. 18, 21; m. 42; c. 2. SOCIOLOGY. B.S. Vermont, 55; M.S. Pa. State, 57, Ph.D.(rural sociol), 60. Instr. sociol, Pa. State, 60-61, res. consult, rural sociol, sum-mer 66; from instr. to assoc. prof, Heidelberg Col, 61-65; assoc. prof. commun. & dir. for India, Mich. State Univ-Agency Int. Develop-Nat. Inst. Community Develop. Diffusion of Innovations Proj, Mich. State, 66-68. ASSOC. PROF. SOCIOL, BOWLING GREEN STATE, 67- Sociol. Asm; Rural Sociol. Soc; Nat. Coun. Family Rels. Diffusion of innovations. Publ: Co-auth, Agricultural innovations in Indian villages, Agricultural innovation among Indian farmers & Communication in India: experiments in intro-ducting change, Nat. Inst. Community Develop, 68. Address: Dept. of Sociol-ogy, Bowling Green State University, Bowling Green, Ohio 43402.
- KLAREN, DR. PETER FLINDELL. Latin American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- KLARMAN, PROF. HERBERT E(LIAS). Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Prof. State Univ. N.Y. Downstate Med. Center, 69- Address: 310 Beverly Rd, Brooklyn, N.Y. 11218.
- KLAUS, DR. GUNTHER W. b. Fuerth Bayern, Germany, Apr. 29, 26; U.S. citizen; m. c. 2. BUSINESS ECONOMICS. M.B.A. Erlangen, 50, Ph.D.(bus. econ), 53. Assoc. ed, Nuernberger Nachrichten, Bavaria, Germany, 50-53; tech. economist, Klawner Co, Mich, 54-56; mkt. analyst, Kraft Foods Div, Nat. Dairy Corp, Ill, 56-57; asst. to v.p.res. corporate employee rels, Purer Corp, Ill, Calif, 57-64; MANAGING DIR, INST. ADV. PLANNING, 64- Mkt. Asn.(merit award, 55). General management consulting; lecturing. Publ: A concept of product pricing, Am. Mkt. Asn. 55. Address: Institute for Advanced Planning, 1510 W. Chestnut St, Alhambra, Calif. 91803.
- KLAUSMEIER, DR. (HERBERT) (JOHN). Educational Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Also V.A.C. Henmon prof. ed, psychol, 69-, Wisconsin Research & Development Center for Cognitive Learning, University of Wisconsin, 1404 Regent St, Madison, Wis. 53706.
- KLAYMAN, DR. MAXWELL IRVING, b. Boston, Mass, Apr. 30, 17; m. 50; c. 3. ECONOMICS, ECONOMIC DEVELOPMENT. B.S. Massachusetts, 38; M.S. Iowa State, 41; M.A. Harvard, 51, Ph.D.(econ), 68. ECONOMIST, sur-plus commodities mkt. progrs, bur. agr. econ, U.S. Dept. Agr, 39-41, bur. labor statistis, U.S. Dept. Labor, 46-48, bur. agr. econ, U.S. Dept. Agr, 48-51; Food & Agr. Orgn. UN, Rome, Italy, 51-62; Cali, Colombia, 62-64; grad. sch. pub. & int. affairs, Univ. Pittsburgh, 65-67; Maryland, 67-68; STATE UNIV. N.Y. COL. NEW PALTZ, 68- Consult. Inter-Am. Develop. Bank, 68- U.S.A., 41-46, 1st Lt. Soc. Int. Devel; Econ. Asm; Agr. Econ. Asn. Publ: The Moshav in Israel, Praeger, 69; Data needs for agricultural sector and project analyses, Inter-Am. Develop. Bank, 70; Index numbers of agri-cultural production, Agr. Econ. & Statist, 9/61. Address: 5 Ulster Rd, New Paltz, N.Y. 12561.
- KLEBAN, DR. EUGENIUSZ. Sociology, Electrical Engineering. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. sociol. & anthrop. & chmn. dept, Wagner Col, 69- Address: 2 Horatio St, New York, N.Y. 10014.
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- KLEIN, PROF. BURTON H. b. Oct. 16, 17; U.S. citizen; n. 55; c. 3. ECONOMICS. B.S. Harvard, 40, Ph.D.(econ), 48. Staff economist, Coun. Econ. Adv, 48-52; Rand Corp, 52-61; head dept. econ, CALIF. INST. TECH, 61-65, PROF, 65- Lectr. Harvard, 61; Hebrew Univ. Jerusalem, 65; consult. Coun. Econ. Adv. Econ. Asm. Factors affecting the entropy of public and private organi-zations; the relationship between the characteristics of organizations and the societies to which they belong. Publ: Germany's preparations for war, Har-vard, 58; The decision-making problem in development, Nat. Bur. Econ. Res, 61; co-auth, Behavior of military industrial complex, Twentieth Century Fund, 70. Address: Dept. of Economics, California Institute of Technology, 1201 E. California Blvd, Pasadena, Calif. 91109.
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- KLEIN, DR. E(DWARD) LAWRENCE. Forestry, Forest Products Marketing. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- KLEIN, DR. MARJORIE H. b. Milwaukee, Wis, Sept. 13, 33; m. 56; c. 2. PSYCHOLOGY. B.A. Wellesley Col, 55, M.A. 57, U.S. Pub. Health Serv. fel, Harvard, 59-61, Ph.D.(soc. psychol), 64. Lab. asst. PSYCHOL, Wellesley Col, 55-57; res. asst. Nat. Inst. Ment. Health, 57-59; proj. asst, WIS. PSY-CHIAT. INST, MED. CENTER, WISCONSIN, 61-64, Nat. Inst. Ment. Health res. fcls, 64-65 & 66-67, RES. ASSOC, 67- Psychol. Asn. Social psychol-ogy; psychotherapy research; foreign student adaptation; content analysis; personality. Publ: Co-auth, The therapeutic relationship and its impact: a study of psychotherapy with schizophrenics, Univ. Wisconsin, Madison, 67; auth, Compliance, Consistent conformity and personality, J. Personality & Soc. Psychol, 5: 239-245; co-auth, Behavior therapy: observations and re-flections, J. Consult. & Clin. Psychol, 33: 259-266. Address: Wisconsin Psychiatric Institute, University of Wisconsin Medical Center, 1300 Uni-versity Ave, Madison, Wis. 53706.
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- KLEPPNER, DR. PAUL. Modern American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- KLINE, ROBERT REEVES. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- KLINGAMAN, DR. DAVID C. b. Sharon, Pa. June 14, 34; m. 56; c. 1. ECONOMICS, ECONOMIC HISTORY. B.S. Kent State, 58, M.A. 64; Ph.D. (econ), Virginia, 67. Time study & methods engr, Firestone Tire & Rubber Co., 56-59; registered rep, Merrill, Turben & Co, 59-60; sr. salesman, Addressograph-Multigraph Corp., 60-63; ASSOC. PROF. ECON, OHIO, 67. U.S.A.R., 56-64, Capt. Econ. Assn.; Econ. Hist. Assn. American economic history, particularly colonial economic history, monetary theory and policy. Publ: The development of the coastwise trade of Virginia, *Wm. & M. Biograp*, 1/69, The significance of grain in the development of the tobacco colonies, *J. Econ. Hist.*, 6/69 & On affluence and economic conflict, *Am. J. Econ. & Sociol.*, 1/70. Address: Dept. of Economics, Ohio University, Athens, Ohio 45701.
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- KLOTZ, DR. JEROME H. Statistics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, Dept. of Statistics, University of Wisconsin, 1210 W. Dayton St, Madison, Wis. 53706.
- KLUCKHOLN, DR. FLORENCE ROCKWOOD (MRS. GEORGE E. TAYLOR). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: The Highlands, Seattle, Wash. 98177.
- KLUGMAN, DR. SAMUEL F. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, 69. Address: 89 Black Hawk Circle, Downingtown, Pa. 19335.
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- KNAPP, DR. PEARL G(ILLILAND). Psychology. See BRISCOE, DR. PEARL KNAPP, this Suppl.
- KNAPP, DR. RONALD G(ARY). b. Pittsburgh, Pa. Aug. 15, 40; m. 68; c. 2. GEOGRAPHY. B.A. Stetson, 62; Woodrow Wilson, Andrew Mellon & Nat. Defense Ed. Assn, Pittsburgh, 62-68, Ph.D. (geog), 68. ASST. PROF. GEOG. STATE UNIV. N.Y. COL. NEW PALTZ, 68-, res. found. fel, 70. Assn. Am. Geog; Assn. Asian Studies. Historical geography of China; changes in economic and social patterns in Taiwan. Address: Dept. of Geography, State University of New York, College at New Paltz, New Paltz, N.Y. 12561.
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- KNEHR, PROF. CHARLES ANTHONY. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Correction: From asst. prof. to prof., 49-, chmn. dept. psychol, 68-, Lehman College, City University of New York, Bedford Park Blvd. W, New York, N.Y. 10468.
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- KNIGHT, DR. THOMAS JOSEPH. Modern European History. See 5th ed, Dir. Am. Scholars, Vol. I, History.
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- KNUDSEN, PROF. WILLIAM J. JR. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- KNUDSON, DR. DOUGLAS MARVIN. Forest Economics, Silviculture. See Suppl. V to 11th ed, Phys. & Biol. Vols.
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- KOHL, DR. SEENA B, b. New York, N.Y., May 24, 30; m. 50; c. 4. CULTURAL ANTHROPOLOGY. B.A., San Francisco State Coll, 56; M.A., Washington (St. Louis), 64. Nat. Inst. Ment. Health grant, 64-66. Ph.D.(anthrop), 69. Instr. ANTHROP, WEBSTER COLL, 66-68, ASST. PROF. 68- Dept. Health, Ed. & Welfare grant for summer seminar in Southeast Asia, summer 69. Anthropol. Asn; Ethnol. Soc. Relationship between family dynamics and kinship to economic development and entrepreneurial behavior; impact of social structural constraints upon learning. Publ: Co-auth, Two memoranda on social organization and adaptive selection in a northern plains region, Plains Anthropologist, 63 & Kinship, succession and migration of young people in a Canadian agricultural community, Int. J. Comp. Sociol, 65. Address: Dept. of Social & Behavioral Sciences, Webster College, St. Louis, Mo. 63119.
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- KOHLNBERG, DR. ROBERT J, b. Milwaukee, Wis, May 11, 37; m. 57; c. 3. PSYCHOLOGY. B.S., Milwaukee Sch. Eng, 61; M.S., Wisconsin-Milwaukee, 63; Ph.D.(psychol), California, Los Angeles, 68. ASST. PROF. PSYCHOL, WASHINGTON (SEATTLE), 68- Psychologist, Fircrest Sch, summer 69. Psychol. Asn; Inst. Elec. & Electronics Eng. Behavior modification; psychophysiology; psychopharmacology. Publ: Recovery of a conditioned emotional response after electroconvulsive shock, J. Comp. & Physiol. Psychol, 68. Address: Dept. of Psychology, University of Washington, Seattle, Wash. 98105.
- KOHL, PROF. RICHARD L(OUIS). Agricultural Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1520 Woodland Ave, West Lafayette, Ind. 47906.
- KOHN, DR. MELVIN L(ESTER). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Publ: Class and conformity: a study in values, Dorsey, 69. Address: National Institute of Mental Health, Bethesda, Md. 20014.
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- KOLB, DR. DAVID ALLEN, b. Moline, Ill, Dec. 12, 39. SOCIAL PSYCHOLOGY. A.B., Knox Coll, 61; M.A., Harvard, 64, Ph.D.(soc. psychol), 67. Asst. prof. ORGN. PSYCHOL. & MGT, MASS. INST. TECH, 65-70, ASSOC. PROF. 70- Psychol. Asn. Individual and social change; organization development. Publ: Co-auth, Organizational psychology: an experiential approach. Prentice-Hall, 70; Goal-setting and self-directed behavior change, Human Rel., On the dynamics of the helping relationship, J. Appl. Behav. Sci. 70. Address: ES2-588, Massachusetts Institute of Technology, 50 Memorial Dr, Cambridge, Mass. 02139.
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- KOREY, DR. WILLIAM. Modern History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- KORNBERG, PROF. ALLAN. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, 69-, Dept. of Political Science, Duke University, Durham, N.C. 27706.
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- KORTE, DR. CHARLES DAVIS, b. Bellefonte, Pa, May 7, 43; m. 65; c. 1. SOCIAL PSYCHOLOGY. A.B. Miami (Ohio), 65; Nat. Defense Ed. Act fel, Harvard, 66-68; Nat. Insts. Health fel, 68-69. Ph.D. (soc. psychol), 69. ASST. PROF. PSYCHOL, YASSAR COL, 69-. Group influences on altruistic behavior and acquaintance networks between racial groups. Publ: Co-auth. Acquaintance networks between racial groups, J. Personality & Soc. Psychol, N.Y. 1201.
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- KOULACK, DR. DAVID. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof, 68-, Dept. of Psychology, University of Manitoba, Winnipeg 19, Man, Can.
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- KRAFT, DR. CHARLES H. Linguistics, Anthropology. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang., Ling. & Philol.
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- KRAHMER, DR. EDWARD F(REDERICK), b. St. Paul, Minn., Jan. 9, 39; m. 63. EDUCATION, STATISTICS. B.A. Denver, 61; B.S. Wis. State, River Falls, 63; M.S. Mankato State Col, 64; Ed.D.(statist. ed. psychol), Colo. State Col, 65. Teacher, St. James Sch, Minn., 62; high sch. Wis., 63-64; asst. prof. ED. RES., N.Dak. Ed. Serv. Ctr., 64-65; Ed. Univ., N.Dak., 65-66; ASSOC. PROF., 68- Dir. bur. ed. res. & serv. Univ. North Dakota, 66-68; ed. res. training prog. rural ed. U.S. Off. Ed., 66-; eval. specialist, Title III proj., 66-; state evaluator & disseminator, Elem. & Sec. Ed. Act contract with N.Dak. State Dept. Pub. Instr., 69-. Eval. consult. Upper Red River Valley Ed. Serv. Ctr., 67- Chmn. res. cmm. Nat. Fedn. Improvement Rural Ed., 67-. Ed. Res. Asn. Nat. Coun. Measurement in Ed. Application of educational research findings into practice; the communication gap in educational information, particularly as it relates to rural regions. Publ: North Dakota Title III ESEA evaluation and need assessment, Univ. North Dakota, 69; A computerized approach to calculating interaction analysis observation matrices and ratios, Ed. & Psychol. Measurements, spring 69; co-auth. Local school expenditures and educational quality: a correlation analysis, Am. J. Agr. Econ, 12/69. Address: Dept. of Education, University of North Dakota, Grand Forks, N.Dak. 58201.
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- KRANER, DR. ROBERT EUGENE, b. Los Fresnos, Tex, Oct. 2, 33; m. 58; c. 3. COUNSELING, EDUCATIONAL PSYCHOLOGY. B.S. Abilene Christian Col, 54, M.Ed., 59; Ed.D.(counseling & personnel admin), North Texas State, 63. Teacher, pub. schs, Tex, 54-59, adminstr., 59-61; instr. ed. & psychol, North Texas State, 61-63; asst. prof. & coordinator of guid. & counseling, West. State Col, 63-64; asst. prof. ED. PSYCHOL., ARIZONA, 64-67, ASSOC.
- PROF., 67-, CHMN. DEPT. SCH. PSYCHOL., 68-. Coordinator eval. serv., Epic Eval. Center, 67-68, asst. dir. admin, 68-70. U.S.A., 55-57. Psychol. Asn; Ed. Res. Asn. Measurement and evaluation; measurement of human behavior; development and implementation of a comprehensive structure and scheme for evaluating the effectiveness of instruction. Publ: Co-auth. Developing and writing behavioral objectives, 68 & A structure and scheme for evaluation, 69, Ed. Innovators; Evaluating with behavioral objectives, Jones Pub, 69. Address: 7425 E. Kenyon, Tucson, Ariz. 85710.
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- KRAUSS, DR. IRVING. Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 68-, Dept. of Sociology, Northern Illinois University, DeKalb, Ill. 60115.
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- KROGMANN, DR. MARIAN ELSE, b. Elkton, S.Dak., Aug. 24, 32. POLITICAL SCIENCE. B.S. S.Dak. State, 55; M.A., Iowa, 58, Ph.D. (polit. sci.), 68. Instr. POLIT. SCI., Missouri-St. Louis, 64-67; ASST. PROF. NORTHERN IOWA, 67- Polit. Sci. Assn. International politics; Soviet government and foreign policy; Western European governments. Address: Dept. of Political Science, University of Northern Iowa, Cedar Falls, Iowa 50613.
- KRONENBERGER, PROF. EARL J(EROME). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., 69-, Dept. of Psychology, Xavier University, Cincinnati, Ohio 45207.
- KRONISH, PROF. SIDNEY J., b. New York, N.Y., June 16, 12; m. 37; c. 1. ECONOMICS. B.S., N.Y. Univ., 35, M.A., 37; Ph.D. (econ), New Sch. Soc. Res., 55. Prof. econ. & chmn. dept. soc. studies, Fairleigh Dickinson, 48-63; PROF. ECON. & EXEC. DIR. CENTER ECON. ED., MONTCLAIR STATE COL., 64- Exec. dir., N.J. Coun. Econ. Ed., 64- Mem. cmt. Newark Labor Rel. Bd., 58- Nat. Labor Rel. Bd., 59- mem. adv. arbr. cmt., N.J. State Mediation Bd., Am. Arbit. Assn. Fed. Mediation & Conciliation Serv. & New York City Off. Collective Bargaining, 59- U.S.N., 43-45. Econ. Assn. Labor economics; collective bargaining; manpower politics; income maintenance programs; investment in human beings; economic education; introductory course in community colleges; films and filmstrips in economics. Publ: Co-auth. Collective negotiations in education, Jour. Admin. Leadership, 68 & Materials evaluation, films and filmstrips, Joint Coun.
- Econ. Ed., 69; auth. Challenge: the magazine for economic affairs, Challenge, 61. Address: Center for Economic Education, Montclair State College, Upper Montclair, N.J. 07043.
- KRONSTADT, DR. ALEXANDER, b. Savannah, Ga., July 14, 40; m. 62; c. 1. PSYCHOLOGY. M.A., Florida, 65, Ph.D. (psychol.), 67. Psychologist, Boston Children's Hosp., Mass., 67-68; ASST. PROF. PSYCHIAT. & CHIEF PSYCHOLOGIST, COL. MED., FLORIDA, 68- Staff psychologist, Judge Baker Clin., Boston, Mass., 67-68; lectr. child develop., Wheelock Coll., 67-68. Consult., Roxbury Juvenile Court, Boston, 67-68; Community Psychol. Center, Gainesville, Fla., 68-; Proj. Follow-Through, Inst. Develop. Human Resources, 69- Psychol. Assn. Development of interpersonal perceptions; causal reasoning in children; prevention models in psychology; psychotherapy. Address: Dept. of Psychiatry, University of Florida, Gainesville, Fla. 32601.
- KROPP, PROF. RUSSELL P(AUL). Psychology Education. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. ed. res. & testing & dir., 68-, Division of Instructional Research & Service, Florida State University, Tallahassee, Fla. 32306.
- KRUECKEBERG, DR. HARRY FREDRICK. Agricultural & Business Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir., 69-, Bureau of Business Research, Indiana State University, Terre Haute, Ind. 47809.
- KRUEGER, DR. CYNTHIA S., b. Luray, Kans., Aug. 28, 38. SOCIOLOGY. B.A., Lindenwood Coll., 60; Musikhochschule, Germany, 60-61; M.A., Washington (St. Louis), 63, Ph.D. (sociol.), 67. Res. asst. med. social, Med. Care Res. Center, St. Louis, Mo., summer 62, sr. res. asst. social, ed. 64-65; instr. social, Hanover Coll., 63-64; res. sociologist, center community & mental health studies, Missouri, St. Louis, 66-67; ins. SOCIOL., BROOKLYN COL., 67-68, ASST. PROF., 69- Summers, dir. Identity Formation Studies Group, New York, N.Y., 68; master teacher, Inst. Afro-Am. Studies, Brooklyn Col., 69. Consult. Model City Agency, St. Louis & Cent. Harlem Youth Proj., New York, 68- Social. Assn; Soc. Study Social Probs. Sociology of education; deviant behavior; medical sociology. Publ: Prairie protest: conflict in democracy, In: Agrarian socialism, Anchor Books, 68; Small schools, rules and total person evaluation: an argument for reform, In: The student nurse, Springer, 68; Do bad girls become good nurses?, Trans-Action, summer 68. Address: 25 Grace Court, Brooklyn, N.Y. 11201.
- KRUEGER, DEAN E(MERY), b. Ashton, Mo., Apr. 12, 18; m. 46; c. 2. BIO-STATISTICS, SOCIOLOGY. A.B., Chicago, 38, M.A., 42; M.S., Columbia, 59. Res. asst. govt. finance, Ill. Tax Cmn., 38-40; caseworker, Boys Court Serv., Chicago Church Fedn., 41-42; assoc. soc. sci. analyst, U.S. Bur. Pub. Asst., 44, regional res. analyst, 45-50; res. assoc. chronic disease statist., Cmn. Chronic Illness, 50-56; pub. health analyst, U.S. Pub. Health Serv. sch. pub. health, Columbia, 56-58; Nat. Heart Inst., U.S. Pub. Health Serv., 58-65, statistician, 65-67; DEP. DIR. OFF. HEALTH STATIST. ANAL., NAT. CENTER HEALTH STATIST., 67- Fel. coun. epidemiol., Am. Heart Assn., 64-; mem. med. res. study sect., U.S. Voc. Rehab. Admin., 65-68. Fel. Pub. Health Assn; Statist. Assn; Pop. Assn; Am. Int. Union Sci. Study Pop. Personal and environmental characteristics in epidemiology of diseases; relationship of socioeconomic factors to various measures of morbidity and mortality; statistical techniques useful in these fields. Publ: Co-auth. The changing incidence of coronary heart disease, In: Modern trends in cardiology, Butterworths, London, 69. The predictive value of a postal questionnaire on cardio-respiratory symptoms, J. Chronic Disorders, (in press) & Cardiovascular diseases, Am. Pub. Health Assn. Monogr. ser., Harvard, (in press). Address: 9210 Cedarcrest Dr., Bethesda, Md. 20814.
- KRUEGER, DEAN HILMAR C(ARL). History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- KRUEGER, DR. LAWRENCE MICHAEL. Industrial Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. res. dir., Batten, Barton, Durstine & Osborn, 69- Address: 111 De Haven Dr., Yonkers, N.Y. 10703.
- KRUEGER, PROF. WILLIAM C(HARLES) F(REDERICK). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 5722 E. Dallas St., Mesa, Ariz. 85205.
- KRUG, PROF. RICHARD F., b. Chicago, Ill., June 22, 21; m. 47; c. 2. AUDIOLOGY, EDUCATION OF THE DEAF. B.S., Ill. State Normal, 49; M.A., Northwestern, 51; Ph.D. (speech sci.), Oklahoma, 60. Asst. audiol., Northwestern, 49-51; clin. audiologist, Bill Wilkerson Hearing & Speech Center, Nashville, Tenn., 51-53; consult. speech & hearing, Okla. Cmn. Crippled Children, Oklahoma City, 53-57; asst. speech dept., Oklahoma, 57-58; supvr. demonstration sch. for deaf, med. center, Oklahoma, 58-59; dir., Dallas Pilot Inst. for Deaf, 59-63; assoc. prof. AUDIOL., COLORADO, 63-67, PROF., 67- Mem. adv. cmt., U.S. Off. Ed., 61-; chmn. planning & eval. cmt. & soci. on teacher prep. progs., 64; chmn. visual aids cmt. Conf. Exces. Am. Schs. for Deaf, 62; mem. resource cmt., Nat. Ed. Assn., 64-; adv. cmt. to study feasibility of integrating deaf youth into Job Corps, 65; Acad. Rehab. Audiol., 65. U.S.A., 42-45, 8/Sgt. Interaction of visual and auditory cues; language instruction for the deaf; instructional media. Publ: The Oklahoma conservation of hearing program: a manual of operations, Okla. State Dept. of Health, 55; co-auth. Understanding the deaf client, Univ. Colorado, 64; auth. An approach to teaching language to young deaf children, U.S. Off. Ed., 66. Address: Speech & Hearing Clinic, University of Colorado, Boulder, Colo. 80302.
- KRUGER, PROF. DANIEL H., b. Norfolk, Va., Dec. 15, 22; m. 48; c. 5. LABOR & INDUSTRIAL RELATIONS. B.A., Richmond, 49; M.A., Wisconsin, 51, Ph.D. (econ, labor rels), 54. From asst. prof. to prof. mgt. & dir. commerce ext., Alabama, 54-57; assoc. prof. INDUST. RELS., MICH. STATE, 57-61, PROF., 63- ASST. PROF. PROC. SERV., 66-; asst. prof. labor rels. & econ. rels. centr., 57-61; assoc. dir. personnel mgt. prog., serv., 61-66. Exco. secy., Employ. Serv. Task Force, U.S. Dept. Labor, 65-66. Consult., N.Cent.

- Regional Manpower Adv. Cmt, Bur. Employ. Security, U.S. Dept. Labor, 60; chmn, Mch. Manpower Cmn, 69. U.S.N.R., 43-46, Lt. (sg). Indust. Rels. Res. Assn; Econ. Assn. Manpower; collective bargaining. Publ: Co-auth, The role of the United States Employment Service in a changing economy, Upjohn inst, 64 & Collective bargaining in the public service, Random, 69; contrib, Racial crisis in American education, Follett, 69. Address: 225 S. Kedzie Hall, Michigan State University, East Lansing, Mich. 48823.
- KRUS, DR. DONALD M. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Chmn. Dept. of Psychology, University of Massachusetts, Boston, Mass. 02113.
- KRUSE, DR. ARTHUR P(AUL). Political Science. See 11th ed, Soc. & Behav. Vols, deceased 68.
- KRUSE, DR. BRUCE T. b. Parkersburg, Iowa, Jan. 25, 31; m. 60; c. 3. AC-COUNTING. B.A. Northern Iowa, 51; M.A. Boston, 52; Ph.D. (econ). La. State, 64. PROF. ACCT, Iowa State, 62-68; ASSOC. PROF. WESTERN ILLINOIS, 68-, CHMN. DEPT., 69. U.S.A. 52-54. Address: Dept. of Accountancy, Western Illinois University, Macomb, IL. 61455.
- KRUSSEFF, DR. WALJU G. b. Sofia, Bulgaria, July 8, 15; U.S. citizen; m. 53; c. 1. ECONOMICS. LAW. M.A. Sofia, 37 & 40; Ph.D. (econ). Vienna, 45, Law Absolutorium, 49; Maryland & Catholic Univ., 59-61. Asst. chief dept. banking, Bulgarian Nat. Bank, 39-43; re-estab. officer, Int. Refugee Orgn., 51-52; researcher, Mid-European Studies Center, 53-55; co. instr. U.S. Army Lang. Sch., 56-57; training instr. For. Serv. Inst., 57-62; financial economist, Fed. Home Loan Bank Bd., 62-66; ACTING CHIEF OF STAFF, STATIST. DIV. INTERNAL REVENUE SERV., 66. Econ. Asst. Statist. Assn. Collecting and analyzing economic data, drawing conclusions of analyzed research findings and writing reports; research methodology and projection techniques. Publ: Co-auth, Bulgarian Basic Course, 62 & Bulgarian Reader, 62, U.S. Dept. State; auth, Banks and credit institutions in Bulgaria, Library of Congress, 55. Address: 8728 Sleepy Hollow Lane, Potomac, Md. 20854.
- KRZYZANIAK, PROF. MARIAN. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Henry Fox, Sr. prof. econ, 69-, Dept. of Economics, Rice University, Houston, Tex. 77001.
- KSHIRSAGAR, DR. ANANT MADHAV. Statistics, Operations Research. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- KUBANY, ALBERT JULES. Industrial Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. counseling & health, Gen. Motors Inst., 69-. Address: 4030 Sterling, Flint, Mich. 48504.
- KUBE, DR. ELLA. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Soc. res. analyst, Neighborhood Youth Corps, 69-. Address: 310 Mavis Dr, Los Angeles, Calif. 90065.
- KUBOSE, DR. SUNNAN KOYO. b. Los Angeles, Calif., Dec. 17, 41; m. 66. EXPERIMENTAL PSYCHOLOGY. B.A. California, Berkeley, 64; M.A. San Francisco State Col, 66; Ph.D. (child psychol). Iowa, 69. Nat. Inst. Child Health & Develop. trainee, 67-69; ASST. PROF. PSYCHOL, NORTH CAROLINA, GREENSBORO, 69-. Soc. Res. Child Develop. Human learning and motivation. Publ: Co-auth, Preschool children's ratings of familiarized and nonfamiliarized visual stimuli, J. Exp. Child Psychol., 8: 74-81; co-auth, The correlation between amplitude and speed measures in children's lever-pulling behavior, 18: 83-84 & auth, The stimulus familiarization effect as a function of stimulus similarity, 18: 367-368, Psychonomic Sci. Address: Dept. of Psychology, University of North Carolina at Greensboro, Greensboro, N.C. 27412.
- KUBRIN, DR. DAVID CHARLES. History of Science. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- KUEHN, DR. JOHN P. b. Cleveland, Ohio, Sept. 24, 42. AGRICULTURAL ECONOMICS. B.S. Rutgers, 64; M.S. Vermont, 66; Ph.D. (agr. econ), Tennessee, 69. ASST. PROF. AGR. ECON, WEST VIRGINIA, 69. Agr. Econ. Assn; Econ. Assn. Livestock marketing. Address: Dept. of Agricultural Economics, West Virginia University, Morgantown, W.Va. 26506.
- KUENNE, DR. ROBERT EUGENE. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 63 Bainbridge St, Princeton, N.J. 08540.
- KUENZLI, PROF. ALFRED (EUGENE). Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. Change of address: 512 N. Main St, Edwardsville, Ill. 62025.
- KUHN, DR. ROBERT LAWRENCE. Psychophysiology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- KUHNS, DR. EDWARD DOUGLAS. Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Economist, Commun. Workers of Am, 68-. Address: 7808 Takoma Ave, Takoma Park, Md. 20012.
- KULKARNI, PROF. GOPAL SHRINIVAS. b. India, June 22, 27; m. 51; c. 2. GEOGRAPHY, REGIONAL PLANNING. B.Sc. Karnatak Univ, India, 60; M.Sc. Banaras Hindu Univ, 62; univ. fel. Poona, 53; univ. fel. Pittsburgh, 62-64, Fulbright travel award, 62-65; Ph.D. (urban geog), 69. Lectr. geog. Vivek Vardhini Col, India, 54-55; head dept. Nowrosji Wadia Col, India, 56-62; asst. prof. & head dept. 65-66; asst. prof. Ind. State Col, 64-65; geographer, Gokhale Inst. Polit. & Econ, Poona, India, 66-68; assoc. prof. GEOG, INDIANA UNIV. PA., 69-70, PROF., 70-. Nat. Sci. Found. fel. Ohio State, summer 65. Mem. land-use study group, Poona Metrop. Regional Planning Bd, India, 68-69. Treas. Ind. State Col, India, 69. Asst. Prof. Regional Sci. Assn. India. Regional development and planning, especially in developing areas of the world; development of urban infra-structure for industrial dispersal in backward regions; identification of growth centers for regional planning. Publ: Co-auth, Community cost of industrial location at Bombay and Nasik, Sicom, Bombay, 68, Agricultural regionalization of Maharashtra: a multivariate approach, Nat. Geog. Soc. Banaras, 68 & Effect of data transformation on the delineation of regions by the principal component method, Int. Geog. Congress, New Delhi, (in press). Address: Dept. of Geography, Indiana University of Pennsylvania, Indiana, Pa. 15701.
- KUNSTADTER, DR. PETER. Anthropology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Vis. assoc. prof. anthropol. prev. med, 69-, Dept. of Preventive Medicine, University of Washington, Seattle, Wash. 98105.
- KUO, DR. YOU-YUH. b. Foochow, China, May 6, 33; m. 67; c. 1. EDUCATIONAL PSYCHOLOGY. B.A. Taiwan Norm. Univ, 56; M.A., Nat. Chengchi Univ, 58; M.Ed. Maryland, 63. Grant Found. fel. 55-66. Ed.D. (human develop. ed), 67. Sr. officer, dept. ed. & cult. Overseas Chinese Affairs Cmn, 58-61; asst. elem. ed, Maryland, 63-64; teacher, Md. Sch. Blind, 64-65; assoc. prof. develop. psychol, Bloomsburg State Col, 66-69; ASST. PROF. HUMAN DEVELOP. & ED. PSYCHOL, BALL STATE, 69-. Consult. Res. Manag. Inc., N.Y., 69-. Mem. bd. chrs. Chinese-Am. Ed. Found. 68-. Chinese Army, 59-61, 2nd Lt. Psychol. Asst. Soc. Res. Child Develop. Developmental psychology; education; behavioral science. Publ: Studies on juvenile delinquency, Chia-Shing Cement Co, Taiwan, China, 64; Creative thinking: delinquent vs. nondelinquent boys, J. Creative Behav., fall, 67. Auth. re-cordng. Mental illness, delinquency, and creativity, Sound Sem. Div. Behav. Sci. Assoc., Cincinnati, distributed by McGraw, 68. Address: Dept. of Educational Psychology, Ball State University, Muncie, Ind. 47306.
- KUOKSA, PROF. GLADYS MARIA. b. Keewatin, Minn., Dec. 13, 31. SOCIOLOGY, SOCIAL PSYCHOLOGY. B.A. Wisconsin, 56; M.A. Western Reserve, 60; Ph.D. (sociol), Case Western Reserve, 68; Miami (Ohio), 69-70. Asst. prof. dir. for student study, Western Reserve, 63-64; asst. prof. SOCIOL, WEST. COL., 64-68, Assoc. prof., 68-70, PROF., 70-. Asst. prof. Maharajah Col, Bangalore, India, 68-69. Sociol. Asn; Soc. Study Social Probs. Racial and cultural minorities, including untouchables in India; manifestations of personal power. Address: Dept. of Sociology, Western College, Oxford, Ohio 45056.
- KUPKE, PROF. HAROLD G. b. Keystone, Nebr., Nov. 4, 20; m. 52; c. 5. SOCIOLOGY. B.A. Concordia Sem, Mo, 45; M.A. Wayne, 56; Nat. Sci. Found. summer grants, Emery, 66, Missouri-Columbia, 67; Nebraska, Lincoln, 67-70, fel. 68-69. Clergyman, Lutheran Church, Bazine, Kans., 45-47; teacher, Lutheran High Sch., Mich., 48-54; Calif., 54-63; PROF. SOCIOL, CONCORDIA TEACHERS COL (NEBR.), 63-. Instr. Univ. Nebraska, Lincoln, 68-69. Sociol. Asn; Soc. Sci. Study Relig. Youth beliefs and practices respecting courtship; religion and social change; religiosity and prejudice; religiosity and dogmatism. Address: Dept. of Sociology, Concordia Teachers College, Seward, Nebr. 68444.
- KUPPERMAN, DR. ROBERT H (ARRIS). Applied Mathematics, Operations Research. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- KURCZYNSKI, DR. THADDEUS WALTER. Human Genetics, Internal Medicine. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- KURTZ, DR. ALBERT K (KENNETH). Psychology, Statistics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, 69. Address: Park Knowles Apartments, Apt. 418, Winter Park, Fla. 32789.
- KURTZ, PROF. DAVID L. b. Riverside, N.J., Feb. 19, 41; m. 67; c. 1. BUSINESS ADMINISTRATION, ECONOMICS. Davis, Elkins Col, 63; M.B.A., Arkansas, 65, Ph.D., 69. Instr. econ, Arkansas, 65-67; asst. prof. MKT., EASTERN MICHIGAN, 67-69, ASSOC. PROF., 69-. Mkt. Asn. Sales force management; sales recruiting. Publ: Co-auth, Some comments on national tax policy, Bus. & Soc., autumn 69; auth, Physical appearance and stature: important variables in sales recruiting, Personnel J., 12/69; Student attitudes toward a salesperson: a re-examination, J. Col. Placement, 12/69-1/70. Address: Dept. of Marketing, College of Business, Eastern Michigan University, Ypsilanti, Mich. 48197.
- KURTZ, PROF. PAUL. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV. Philos. Relig. & Law.
- KURTZMAN, DR. DAVID H (AROLD). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New information: Hon. L.H.D. Jefferson Med. Col. 68; hon. D.Sc. Pa. Col. Optometry, 69. Secy. ed, 69-, Dept. of Education, Commonwealth of Pennsylvania, 317 Education Bldg, Harrisburg, Pa. 17126.
- KURYLO, DR. WALTER. Public Administration, Economics. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Chief state indust. liaison div., Dept. of Transportation Off. Pipeline Safety, 67-. Address: 3300 Military Dr., Falls Church, Va. 22044.
- KURZ, DR. RONALD BURTON. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Ed. affairs officer, 69-, American Psychological Associations, 1200 17th St, N.W., Washington, D.C. 20036.
- KUSHNER, DR. GILBERT. b. New York, N.Y., July 7, 33; m. 58; c. 3. SOCIAL ANTHROPOLOGY. B.A. City Col. New York, 54; M.A. Arizona, 58, Ph.D. (anthrop), 68; North Carolina, 58-61; Govt. of Israel award and Fulbright travel grant, Israel, 61-62. Instr. sociol. & anthrop. Houston, 62-66; asst. prof. ANTHROP. STATE UNIV. N.Y. Col. Brockport, 68-69, ASSOC. PROF., 69-70; SOUTH FLORIDA, 70-. Qm.C. U.S.A., 54-56. Fel. Anthropol. Asst. fel. Soc. Appl. Anthropol. Complex societies: culture change; Israel; Anglo United States; archaeological interpretation. Publ: Co-auth, What accounts for sociocultural change? a propositional inventory, Inst. Res. Soc. Sci. Univ. North Carolina, 62; auth, Indians in Israel: guided change in a new-immigrant village, Human Orgn., 68; The anthropology of complex societies. In: Biennial review of anthropology, 1969, Stanford Univ., 70. Address: Dept. of Anthropology, University of South Florida, Tampa, Fla. 33620.
- KUTGER, DR. JOSEPH P. b. New York, N.Y., May 26, 17; m. 56; c. 2. POLITICAL SCIENCE. B.A. Philippines, 54; M.A., 55, Ph.D. (polit. sci), Colorado, 61. Intel. res. officer, U.S. Air Force, 62-63; ops. res. officer, Off.



Chief Staff, U.S. Army, 63-65; FOR. SERV. OFFICER, AREA DEVELOP., U.S. DEPT. STATE, 65-69, PARAMIL. ADV. 69. U.S.A.F. 41-61, Lt. Col. Polit. Sci. Assn. Economic, social and political development of emerging nations; political and military facets of insurgencies; development of mathematical models for computer programming of military operations—unconventional, conventional and nuclear. Publ: *Irregular warfare in transition in military affairs*, Am. Mil. Inst., 11/60; Chap. 4, In: *Modern guerrilla warfare*, Free Press, 62; *Ordinal utility model for determining indices of combat effectiveness of army organizations*, Proc. Mil. Oper. Res. Symp. Off. Naval Res., D.C. 65. Address: U.S. Dept. of State, Agency for International Development, Washington, D.C. 20525.

KUTHIALA, DR. S. K. b. Simla, India, July 12, 43. SOCIOLOGY, DEMOGRAPHY, B.Sc. Punjab, 65; M.Sc. 63; fel. Un. Demog. Res. & Training Centre, 63-65, cert. demog. 65; fel. Chicago, summer 66; Ph.D.(sociol.) Georgia, 69. Instr. SOCIOLOGY, Georgia, 65-67; ASST. PROF. EAST CAROLINA, 68. Ministry For. Affairs lectr., Rural Develop. Col. Copenhagen, Denmark, summer 67. Sociol. Assn; Pop. Assn. Am. Process of modernization in developing nations; process of industrialization in India. Publ: *Factory workers in India: a study in modernization*, Asia Pub. 70; Demographic characteristics of tribal population in India, Indian Sociol. Bull., 10/69; Impact of factory production on traditional societies: a study of modernization, Brit. J. Sociol., 1/70. Address: Dept. of Sociology & Anthropology, East Carolina University, P.O. Box 2783, Greenville, N.C. 27834.

KUTNER, PROF. BERNARD. Psychology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., 69-, Albert Einstein College of Medicine, 1300 Morris Park Ave, Bronx, N.Y. 10461.

KUUSISTO, DR. ALLAN A(NDREW). Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Acting pres., 69-, State University of New York at Albany, 1223 Western Ave, Albany, N.Y. 12203.

KUYLESKY, DR. WILLIAM P(ETER). B. Braddock, Pa. June 29, 33; m. 56; c. 5. SOCIOLOGY. B.S. Pa. State, 58, M.S. 60, Ph.D.(rural sociol.) 65. Instr. SOCIOLOGY, Pa. State, 60-64; from asst. prof. to ASSOC. PROF. TEXAS A&M, 64. Chmn. U.S. Dept. Agr. res. proj., 69-70. Consult. S.W. Manpower Adv. Cmt. U.S. Labor Dept., 70. U.S.M.C. 53-56, Sgt. Sociol. Assn; Rural Sociol. Soc.; Soc. Study Sociol. Soc. Aspirations of youth; minority group relations; social mobility of rural youth; animal social behavior; metapsychology. Publ: Co-auth. A clarification of the concept occupational choice, 9/66, The relevance of adolescent's occupational aspirations for subsequent job attainment, 9/67 & A rural-urban comparison of the occupational status orientations of Negro boys, 6/68, Rural Sociol. Address: Dept. of Agricultural Economics & Sociology, Texas A&M University, College Station, Tex. 77843.

KWAK, DR. NO KYOON. Economics, Management Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 68-, Dept. of Management Sciences, Saint Louis University, 3674 Lindell Blvd, St. Louis, Mo. 63108.

KWAN, PROF. KIAN M(OON). Sociology. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. & chmn, 69-, Dept. of Sociology, San Fernando Valley State College, Northridge, Calif. 91324.

KYRIAKIDES, DR. STANLEY. Political Science. See A-K Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. polit. sci., Paterson State Col., 69- Address: 6305 Boulevard East, West New York, N.J. 07093.

KYSER, DR. DEWAYNE, b. Shepherd, Mich. Feb. 20, 13; m. 38; c. 1. GEOGRAPHY. A.B. Cent. Michigan, 35; A.M. Michigan, 37; fel. Syracuse, 37-39; Ph.D.(geog.) Mich. State, 69. ASST. PROF. GEOG. CENTRAL MICHIGAN, 65-68. Am. Geog. Geog. Assn. Agricultural and cultural geography; Europe and the Soviet Union. Publ: *Relict forms in the central Michigan rural landscape*, Mich. Academician, 12/69. Address: R.F.D. 2, Shepherd, Mich. 48883.

## L

LaBACH, DR. WILLIAM ANDERSON. Mathematics, Topology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.

LABSVIRS, PROF. JANIS. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., 69-, Dept. of Economics, Indiana State University, 3313 Hovey St, Indianapolis, Ind. 46218.

LA CASCIA, PROF. JOSEPH S. b. Miami, Fla. Apr. 16, 27; m. 64; c. 1. ECONOMIC. B.A., Univ. of the Americas, 58; M.A. Middlebury Col., 61; Ph.D.(econ.) Florida, 67. Salesman, Stein, Hall & Co., Inc. 51-57; instr. Spanish, Nazareth Col.(Mich.), 61-62; Georgia, 62-63; Rockefeller Found. res. grant, Mexico, 64-65; asst. prof. ECON, Nebraska, Omaha, 65-66; assoc. prof. Inter-Am. Univ. P.R., 66-68, West Florida, 68-69; PROF. & CHMN. DEPT. MARSHALL, 69. Fulbright-Hays lectr., Argentina & Brazil, 66. U.S.A. 45-47. Econ. Assn. Capital formation with relation to economic development of underdeveloped countries. Publ: *Capital formation and economic development in Mexico*, Praeger, 69; *The economy of Mexico*, In: *Collier's encyclopedia*, Collier-Macmillan, 70. Address: Dept. of Economics, Marshall University, Huntington, W.Va. 25701.

LACEY, PROF. BEATRICE C(ATES). Psychophysiology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.

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- LAMBERG-KARLOVSKY, PROF. CLIFFORD. Anthropology, Archaeology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. anthropol., Harvard & curator Near East. Archaeol., Peabody Mus., 69-. Address: Peabody Museum, Harvard University, Cambridge, Mass. 02138.
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- LAWS, DR. DUANE M. b. Provo, Utah, Apr. 27, 31; m. 53; c. 6. FAMILY RELATIONS, COUNSELING. B.A. Brigham Young, 58, M.A. 59; Ed.D. (fam-ily life, marriage counseling), Columbia, 64. Instr. family life ed, Brigham Young, 59-60; N.Y. Univ. 62-63; asst. prof. CHILD DEVELOP. & FAMILY RELS. BIRCHOF YOUNG, 64-66, ASSOC. PROF. & CHMN. DEPT. 66- Vis. prof., Eastern Michigan, 69-70. U.S.A. 53-56. Nat. Coun. Family Rels; Assn. Marriage Counsr; Home Econ. Assn. Family life education at college level; dynamics of marital interaction. Address: 899 E. 2730 North, Provo, Utah 84601.
- LAWSON, DR. ROBERT BERNARD. Experimental Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69- Dept. of Psy-chology, University of Vermont, Burlington, Vt. 05401.
- LAWTON, DR. MARCIA J(EAN). Child Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: With Arapahoe Ment. Health Center, Inc. 68- Address: 2512 S. University Blvd, Denver, Colo. 80210.
- LAWTON, PROF. SHERMAN P(AXTON), b. Muskegon, Mich. July 13, 08; m. 30; c. 2. SPEECH, ANTHROPOLOGY. A.B. Albion Col, 29; M.A. Mich-igan, 30; Ph.D. (speech), Wisconsin, 39. Instr. Eng. Bradley Polytech Inst., 30-32; asst. instr. Wisconsin, 32-34, 38-39; dir. audio-visual aids, Stephens Col, 34-45; PROF. DRAMA & COORDINATOR BROADCASTING INSTR., OKLAHOMA, 45- RES. ASSOC. ARCHAEO, 55- Nat. Assn. Ed. Broadcast-ers. Audience measurement; broadcasting practices and trends; Plains archeology; Meso-American ethnology; audience demographics. Publ: Co-auth, Broadcasting: radio and television, 52 & auth. The modern broadcaster, 61, Harper; Mayan memories (film), privately produced, 69. Address: Dept. of Speech, University of Oklahoma, Norman, Okla. 73069.
- LAYMAN, PROF. EMMA MCCLOY. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn. soc. sci. div. & asst. dean, 69- Iowa Wesleyan College, Mt. Pleasant, Iowa 52641.
- LAZAR, DR. IRVING. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir. develop. studies, 68- Kirschner Associates, 11716 W. Pico Blvd, Los Angeles, Calif. 90064.
- LAZAR, DR. ROBERT, b. Chicago, Ill. Oct. 9, 40; m. 67. SOCIOLOGY. B.A. Northern Illinois, 62; M.A. Indiana, 64; Ph.D. (sociol), Minnesota, 68. ASST. PROF. SOCIOL. Moorhead State Col, 66-69; NORTHERN ILLINOIS, 69- Soc. Sci. Assn. Acad. Polit. & Soc. Sci. Sociological theory; community. Ad-dress: Dept. of Sociology, Northern Illinois University, DeKalb, Ill. 60115.
- LAZARETH, DEAN WILLIAM HENRY. Systematic Theology. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- LAZARSFELD, PROF. PAUL F. b. Vienna, Austria, Feb. 13, 01; U.S. citizen; m. 43. POLITICAL SCIENCE. Ph.D. Vienna, 25; L.H.D. Yeshiva, 60; M.A. Chicago, 66 & Columbia, 70. Rockefeller Found. fel, 33-35; PROF. SOCIOL., COLUMBIA, 39- Vis. prof. Sorbonne, 62-63, 67-68. Sociol. Assn. (past pres); Assn. Pub. Opinion Res.; Nat. Acad. Ed. Publ: Co-auth. The academic mind, Free Press, 58, The people's choice, Columbia, 3rd ed, 68 & Latent struc-ture analysis, Houghton, 68. Address: Dept. of Sociology, Columbia Univer-sity, New York, N.Y. 10027.
- LAZARUS, PROF. ARNOLD A. Behavioral Science, Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Vis. prof. psychol. & dir. clin. training, 70- Psycho-Educational Clinic, Yale University, 295 Crown St, New Haven, Conn. 06511.
- LAZARUS, PROF. RICHARD S(TANLEY). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Guggenheim fel, 69-70. Address: Dept. of Psychology, University of California, Tolman Hall, Berkeley, Calif. 94720.
- LAZOWICK, DR. LIONEL M(ORDECAD). Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Chief End Alcoholism Clin., Alameda County Health Dept, 68- Address: 7265 Hansen Dr, Dublin, Calif. 94566.
- LEACH, DR. DAVID A(RTHUR). Experimental Psychology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- LEACH, DR. EDWIN A. b. Arkansas City, Kans. Mar. 11, 31; m. 57; c. 3. SPEECH PATHOLOGY. B.A. Millikin, 56; M.A. Southern Illinois, 58; fel, Nat. Inst. Ment. Health, 62-63; Ph.D. (speech path), Kansas, 65. Speech clinician, med. center, Oklahoma, 58-60; asst. SPEECH PATH, Kansas, 60-62; res. assoc. Bur. Child Res, 63-66; ASST. PROF. INDIANA BLOOM-INGTON, 66- U.S.N. 51-54. Speech & Hearing Assn; Assn. Ment. Deficiency; Acoustical Soc. Am. Communication; mental retardation. Publ: Case his-tory, J. Speech & Hearing Disorders, 67. Address: Speech & Hearing Cen-ter, Indiana University, Bloomington, Ind. 47401.
- LEADER, PROF. ALAN H. b. London, Eng. Nov. 4, 27; U.S. citizen; m. 50; c. 2. SOCIOLOGY, ADMINISTRATIVE SCIENCE. B.S. Rochester, 52, M.S. 60; Ford fel, Indiana, 60-62, Herman B Wells grant, 62-63, D.B.A. (orgn. mgt), 63. Prod. planner, Taylor Instrument Co. 53-56, asst. purchasing agent, 57-60; asst. prof. ADMIN. SCI, WESTERN MICHIGAN, 63-66, assoc. prof, 70, PROF., 70- Participant, Ford Found. Sponsored Workshop in Quant. Res. on Orgn. Behav. Carnegie Inst. Tech. summer 65. Sig. C. U.S.A. 45-46. AAAS; Acad. Mgt; Acad. Polit. & Soc. Sci.; Indust. Rels. Res. Assn; Econ. Assn; Sociol. Assn; Inst. Mgt. Sci. Interrelationships and effects of individual, group, organizational and task variables on individual and group productivity; individual and group creative problem solving; design and analysis of goal-effective man-machine systems. Publ: Creativity in management, *Proc. Midwest Mgt. Conf.* 67, co-auth. An investigation into commercial bank reporting systems, *Bankers Mag.* 67 & How Michigan banks organize their installment lending, *Banking*, 67. Address: 3816 Wedgwood Dr, Kalamazoo, Mich. 49001.
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- LEAN, DR. DAVID F. b. Launceston, Tasmania, Aug. 22, 35; U.S. citizen; m. 63; c. 2. ECONOMICS. A.B. Mich. State, 59; A.M., 61; Ph.D.(econ), Michigan, 69. Instr. ECON. FRANKLIN & MARSHALL COL., 66-68. ASST. PROF., 68- Econ. Assn. Antitrust policy; industry studies; economics of corporate mergers; public regulation by commissions. Address: Dept. of Economics, Franklin & Marshall College, Lancaster, Pa. 17604.
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- LEASE, PROF. M(ARTIN) HARRY, JR. Public Law, Government. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also asst. dean, 68-, Graduate School, University of Minnesota, Duluth, Minn. 55812.
- LEAVENWORTH, DR. ANN. History. See Suppl. I to 5th ed, Dir. Am. Scholars.
- LEAVITT, DR. FRANK, b. St. Louis, Mo, May 15, 37; m. 65; c. 2. CLINICAL PSYCHOLOGY. B.A., Harris Teachers Col, 59; U.S. Pub. Health Serv. fel, Washington (St. Louis), 61-64, Ph.D.(psychol), 65. Asst. psychologist, PRESBY-ST. LUKES HOSP. & instr. psychiat, COL. MED, ILLINOIS, 65-69, ASSOC. PSYCHOLOGIST, HOSP. & ASST. PROF. PSYCHOL, UNIV., 69- Psychol. Assn. Attention as related to central nervous system functions; schizophrenia. Publ: EEG activation and reaction time, 68 & Accuracy of report and central readiness, 68, J. Exp. Psychol. Address: Section of Psychology, Presbyterian-St. Luke's Hospital, 1753 W. Congress Pkwy, Chicago, Ill. 60612.
- LeBLANC, DR. ROBERT GEORGE, b. Nashua, N.H., Oct. 28, 30; m. 59; c. 3. GEOGRAPHY. B.A., New Hampshire, 59; M.A., Minnesota, 62, Ph.D.(geog), 68. Res. asst. geophys, Air Force Cambridge Res. Inst, 57-58; instr. GEOG, NEW HAMPSHIRE, 63-68, ASST. PROF., 68- U.S.A.F., 49-53. Asn. Am. Geog. Soc.; Can. Asn. Geog. Historical geography of New England. Publ: Accrations migrations, Cahiers de Geographie de Quebec, 12/67; Location of manufacturing in New England in the 19th Century, Dartmouth Col, 70. Address: Dept. of Geography, University of New Hampshire, Durham, N.H. 03824.
- LEBOW, DR. RICHARD NED, b. New York, N.Y., Apr. 24, 42; m. 65; c. 1. POLITICAL SCIENCE. B.A., Chicago, 63; Sterling fel, Yale, 63-64, M.A., 64; Nat. Defense Ed. Act fel, City Univ. New York, 66-68, Ph.D.(polit. sci), 68. ASST. PROF. POLIT. SCI., CITY COL., NEW YORK, 68-, res. grant, 68-69. Polit. Sci. Assn; Hist. Assn. International relations; comparative politics; revolution. Publ: Woodrow Wilson and the Balfour declaration, J. Mod. Hist., 12/68; The Morgenthau peace mission of 1917, Jewish Soc. Studies, 10/70; Dissonance reduction and social stereotypes: British images of Irish poverty in the 19th century, J. Brit. Studies, (in press). Address: Dept. of Political Science, City College of New York, New York, N.Y. 10031.
- LEBOWITZ, DR. ANNE. Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also assoc. dir., 69-, Division of Social & Community Psychiatry, University of Southern California School of Medicine, 1934 Hospital Place, Los Angeles, Calif. 90033.
- LECHT, DR. LEONARD A. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New publ: Manpower needs for national goals in the 1970's, Praeger, 69. Address: 8414 Lynwood Place, Chevy Chase, Md. 20015.
- LeCLAIR, PROF. EDWARD E(MILE), JR. Anthropology. See 11th ed, Soc. & Behav. Vols, deceased 69.
- LeCOMPTE, DR. GARE, b. Chicago, Ill, Sept. 15, 37; m. 61; c. 3. POLITICAL SCIENCE, HISTORY. B.A., Washington, 59; Boston, 61-62; Harvard, 62; M.A., American Univ, 63, Ph.D.(polit. sci), 70. Res. assoc. polit. sci, Center Res. Soc. Sys., American Univ, 60-61; analyst, U.S. Dept. State, 61, nat. defense hist. analyst, U.S. Dept. Defense, 61-62; asst. dir, Am. Friends Mid. East, Syria, 62-63; vis. res. scholar, Pennsylvania, 63-64; staff soc. scientist, Gen. Dynamics Corp, 64-67; ADJ. PROF. POLIT. SCI. & HIST. HARTFORD, 67-; RES. SOC. SCIENTIST, CONN. RES. CMN, 68- Vis. prof, Syrian Nat. Univ, 62-63; Ford Found. vis. prof, Damascus, 62-63; contrib. historian, oral hist. prof, Columbia Univ, 66- Consult, Mid. East Inst, 62-67; rad. liberty cmt, Inst. Study U.S.S.R., 63-66; Int. Documentation Center, Sweden & Int. Microfilm Center, Leiden, 63-; Inst. Future, 69- Mem. Gov. State Task Force Criminal Justice Info, Conn, 68- Acad. Polit. & Soc. Sci.; Mid. East Inst; Mid. East Studies Assn. N.Am.; Polit. Sci. Assn; Hist. Assn; Royal Cent. Asian Soc. Political and cultural modernization with Soviet Central Asia and the Middle East as primary case studies; development of applied social science research methodology to social and political change. Publ: Co-auth, Propaganda symbols, In: Afghanistan, Turkey, Indonesia, Pakistan, separate books in series, U.S. Govt, 60-61; auth, Cat-eye history of Air For research in light amplification, U.S. Govt, 62; Muslims of the USSR, Inst. for Study of USSR, 65. Address: 48 Meadow Lane, Old Saybrook, Conn. 06475.
- LEDERER, PROF. IVO JOHN. Modern East European & Russian History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- LEDERER, DR. WALTHER. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Int. economist, U.S. Treasury Dept, 69- Address: Hunting Towers W, Apt. 822, Alexandria, Va. 22314.
- LEDERMAN, LEONARD L. b. New York, N.Y., Nov. 23, 31; m. 56; c. 3. ECONOMICS. B.A., City Col. New York, 53; M.A., N.Y. Univ, 57. Head statist. dept, Barnard Res., 52-53; market & sales res, Maidenform, Inc, 53-58; asst. mgr. mfr. dept, secy. cmt. sci. & tech. & cmt. commercial uses of atomic energy, U.S. Chamber of Commerce, 58-62; FEL. & SR. RES. ADV, COLUMBUS LABS, BATTELLE MEM. INST., 63- Mem. sub-cmt, model
- atomic energy legis, U.S. Standards Inst. AAAS; Econ. Assn; Mgt. Assn; Astron. Soc; World Future Soc. Science and technology policy, planning and budgeting; national goals and priorities; allocation of federal resources; research and development trends in United States and abroad; economics of technological change; corporate planning; interface between social and physical-engineering sciences. Publ: Science policy and arms control, Arms Control & Disarmament Agency, 68; An analysis of the allocation of federal budget resource as an indicator of national goals and priorities, Govt. Printing Off, 69; R&D and national goals and priorities, Proc. Trends in Sci. Policy, 69. Address: Battelle Memorial Institute, 1755 Massachusetts Ave. N.W., Washington, D.C. 20036.
- LEE, DR. CARLETON, b. Clayton, N.C., Mar. 30, 13; m. 61; c. 1. RELIGION, SOCIOLOGY. B.A., Taladega Col, 33; M.A., Chicago, 35, Ph.D., 51; D.B. Chicago Theol. Sem, 37. Dir. relig. life, Dorchester Acad, 35-37; YMCA secy, South. Area Coun, 39-44; prof. philos. & relig. & dean, Morris Brown Col, 44-45; chaplain, Tuskegee Inst, 47-55; prof. philos. & relig., Tougaloo South. Christian Col, 55-57; Central State, 57-67; sociol. Cheyney State, 61, 67-70; BLACK AMERICAN STUDIES, WESTERN MICHIGAN, 70- Kent fel, 49-50; fraternal worker, World Coun. Churches, W. Germany, 53-55; Lectr, Emancipation Proclamation Centennial, Wayne State, 63. Asn. Study Negro life & Hist. Race relations; religion in higher education; ethics and society. Address: Black Americana Studies, Western Michigan University, Kalamazoo, Mich. 49001.
- LEE, PROF. CARSON, b. Columbus, Miss, Nov. 29, 29; m. 57; c. 2. PSYCHOLOGY. A.B., Clark Col, 53; M.A., Atlanta, 56; Ed.D.(counseling), Indiana, 60. Teacher, Ogleshorpe County Training Sch, 56-57; pub. sch, Ga, 57-58; PROF. psychol, Albany State Col, 60-64; PSYCHOL. & ED., CLARK COL, 64-, DIR. UPWARD BOUND PROG, 67- Fel, Minnesota, 66. Mem. Nat. Steering Cmt. for Upward Bound Progs, 68- U.S.A., 53-55. Personnel & Guid. Assn. Cultural deprivation; small group counseling and testing. Publ: The effectiveness of a summer institute & Duties and functions of chairmen of departments and divisions, Albany State Col, J. 63; Upward bound—a summer phase, GTEA-Herald, 68. Address: 775 Lynn Circle S.W., Atlanta, Ga. 30311.
- LEE, PROF. CHARLES EDGAR. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, Univ. British Columbia, 68. Address: 5134 Pittcain Place, West Vancouver, B.C. Can.
- LEE, PROF. EUGENE CANFIELD. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. 69-, Dept. of Political Science, University of California, Berkeley, Calif. 94720.
- LEE, PROF. FLORENCE HENRY. Educational Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. ed. & coordinator of Teacher ed., 69-, Douglass College, Rutgers, The State University, New Brunswick, N.J. 08901.
- LEE, DR. GUY ANDERSON. American History, International Relations. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- LEE, DR. JAMES FRANK, b. Eutaw, Ala, May 30, 37; m. 63. PSYCHOLOGY. B.S., Alabama, 60, M.A., 64, Ph.D.(ed. psychol), 66. Probn. officer, Juvenile & Domestic Reis. Court, Tuscaloosa, Ala, 59-63, asst. chief probn. officer, 63-64; asst. prof. psychol, MIDDLE TENN. STATE, 66-69, ASSOC. PROF. PSYCHOL. & DIR. LAW ENFORCEMENT ED. PROG, 69-, DIR. DIAG. CENTER, 70- Nat. Inst. Crim. Justice res. grant, 69; consult, State Dept. Corrections, Tenn, 69- Psychol. Assn; Asn. Correctional Psychol; Correctional Assn. Psychology; law, corrections and law enforcement. Publ: A study of certain characteristics of juvenile offenders in Middle Tennessee. Grad. Faculty Res. Cmt, Middle Tenn. State Univ, 67 & Correctional Psychologist, 68; co-auth, The influence of test anxiety on the selection of relevant from irrelevant information, J. Ed. Res, 69. Address: Dept. of Psychology, Box 238, Middle Tennessee State University, Murfreesboro, Tenn. 37130.
- LEE, DR. JOAN C(OOK). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Asst. prof. psychol, Transylvania, 69- Address: 161 Woodland Ave, Lexington, Ky. 40502.
- LEE, DR. JOHN M(ARTIN). Psychological Acoustics, Neurophysiology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
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- LEE, DR. MARILYN C(AIRNS). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Independent res., 68- Address: 235 E. 57th St, New York, N.Y. 10022.
- LEE, PROF. ROBERT. Sociology of Religion. See 5th ed, Dir. of Am. Scholars, Vol. IV, Philos., Relig. and Law.
- LEE, DR. SANG M(OON), b. Seoul, Korea, Apr. 1, 39; m. 68; c. 1. MANAGEMENT, MANAGEMENT SCIENCE. B.A., Seoul, 61; M.B.A., Miami (Ohio), 63; Ph.D.(bus), Georgia, 69. ASST. PROF. MGT., VA. POLYTECH, 68- Acad. Mgt; Inst. Mgt. Sci; Inst. Decision Sci. Application of quantitative techniques to functional areas of management and to behavioral science. Publ: Organiza-



- tional identification of scientists. Acad. Mgt. J. 9/69; co-auth. Analyzing time based data. Chem. Eng. 10/69 & Application of goal programming to the textile industry. Rev. Ind. Mgt. 1/70. Address: 104 Terrace View, Blacksburg, Va. 24060.
- LEE, PROF. SHU-CHING. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. sociol. & Dept. of Sociology & Anthropology, Ohio University, Athens, Ohio 45701.
- LEE, DR. SOON WON. Political Science. See LEE, DR. STEWART S, this Suppl.
- LEE, DR. STEWART S. b. Pyungyang, Korea, Sept. 7, 35; m. 64; c. 2. POLITICAL SCIENCE. B.A. Westminster Col. (Pa), 59; M.A. Rutgers, 60, Free Europe Cmt. fel, 60-61, Louis Bevier fel, 62-63, Ph.D. (polit. sci.), 67. Asst. to rev. ed. J. Asian Studies, 62-63; instr. POLIT. SCI., MUEHLBERG COL., 63-66, asst. prof. 66-69, ASSOC. PROF. 69- Instr. Univ. Col. Rutgers, 62-63; Am. Philos. Soc. res. & travel fel, 66-67; Muhlenberg Col. rep. to E. Asia Studies Prog. Five Col. Consortium, 66-67. Asn. Asian Studies; Polit. Sci. Asn. Governments and politics of East Asia-Korea, China, and Japan; contemporary international relations in East Asia. Publ. Syngman Rhee, Encyclop. Americana, 63; The Korean minority in postwar Japan, In: Muhlenberg Essays, Muhlenberg Col., 69; co-auth. Japanese imperialism and aggression: reconsidered, J. Asian Studies, 63. Address: 3949 Wordsworth St., Allentown, Pa. 18104.
- LEE, PROF. TONG HUN, b. Seoul, Korea, Nov. 20, 31; U.S. citizen; m. 60; c. 2. ECONOMICS. B.S. Yon-Sae Univ, Korea, 55; B.A. Northeast Mo. State Col, 56; M.A. Wisconsin, 58, Ph.D. (econ), 61. Asst. prof. ECON., Tennessee, 62-64, asst. prof. 64-67; PROF. WISCONSIN-MILWAUKEE, 67- Dir. res. grants, Tenn. State, 64-67 & Nat. Sci. Found, 65-67; Econ. Asn. Finance Asn; Statist. Asn; Economet. Soc. Consumer behavior in asset holdings, housing expenditures and consumption; monetary economics related to the definition of money and the demand function for money; statistical methods on discriminant function and the Bayesian estimation. Publ. Co-auth. Joint estimation of relationships involving discrete random variables, Econometrica, 4/65; auth. Alternative interest rates and the demand for money, Am. Econ. Rev. 12/67 & Housing and permanent income: tests based on a three-year reinterview survey, Rev. Econ. & Statist, 11/68. Address: Dept. of Economics, University of Wisconsin-Milwaukee, Milwaukee, Wis. 53201.
- LEE, DR. TSOUNG-CHAO, b. Taipei City, Taiwan, Oct. 25, 35; m. 64; c. 2. AGRICULTURAL ECONOMICS. B.S. Taiwan, 58; Agr. Develop. Coun. N.Y. travelship, Illinois, Urbana, 63, M.S. 65, Wright & Univ. fel. 65-67, Ph.D. (agr. econ), 67; Cmt. Instnl. Coop. travel scholar, Wisconsin, summer 66. Asst. Agr. ECON., Taiwan, 60-63; Illinois, Urbana, 63-65; ASST. PROF. CONNECTICUT, 67. Ed. collab. Am. Statist. Asn. 69. Chinese Army, 58-60, 2nd Lt. Agr. Econ. Asn; Economet. Soc. Development of appropriate techniques of classical and Bayesian statistical inference for the use of the passively generated economic data and their applications in agricultural economics. Publ. Co-auth. Estimating the parameters of the Markov probability model from aggregate time series data, North-Holland, Amsterdam & London, 70, On estimating the transition probabilities of a Markov process, J. Farm Econ, 6/65 & Maximum likelihood and Bayesian estimation of transition probabilities, J. Am. Statist. Asn, 12/68. Address: Dept. of Agricultural Economics, University of Connecticut, Storrs, Conn. 06268.
- LEESTMA, DR. ROBERT. Education. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. cmr, 68-, Institute of International Studies, U.S. Office of Education, Seventh & D St. S.W., Washington, D.C. 20202.
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- LEFLAR, PROF. ROBERT A (LEEN). Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- LEFTON, DR. THEODORE EDWARD. Clinical Pharmacology. See Suppl. V & VI to 11th ed, Phys. & Biol. Vols.
- LEFTWICH, DR. WILLIAM (HENSLEY). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Assoc. adn summer sch, 68-, University of Richmond, Box 38, Richmond, Va. 23173.
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- LEHMAN, DR. EDWARD W, b. Regensburg, Germany, Feb. 7, 36; U.S. citizen; m. 63; c. 1. SOCIOLOGY. B.S. Fordham, 56, M.A. 59; Ph.D. (sociol.), Columbia, 66. Res. sociologist, med. col. Cornell, 61-65, res. fel. med, 65-67; ASST. PROF. SOCIOL. N.Y. UNIV, 67- Nat. Insts. Health grant & consult. dir. human ecol. med. col. Cornell, 67-68; Nat. Inst. Ment. Health study grant, Center for Policy Res, 69- U.S.A., 57-67, Capt. Social. Asn. Political sociology; inter-organizational relations; social factors in coronary heart disease. Publ. Co-auth. Some dangers in valid social measurement, Ann. Acad. Polit. & Soc. Sci, 9/67; auth. Opportunity, mobility and satisfaction within an industrial organization, Soc. Forces, 6/68 & Toward a macro-sociology of power, Am. Sociol. Rev, 8/69. Address: 2431 Webb Ave, Bronx N.Y. 10468.
- LEHMAN, DR. LELAND (CHARLES). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Correction: Chmn. 68-, Dept. of Economics & Business, Bluffton College, Bluffton, Ohio 45817.
- LEHMANN, DR. DONALD (RUDYARD), b. Schenectady, N.Y. Oct. 16, 44; m. 64; c. 1. BUSINESS ADMINISTRATION. B.S. Union Col. (N.Y.), 66; M.S.I.A. Purdue, 67, Nat. Defense Ed. Act fel. & Ph.D. (consumer choice), 69. ASST. PROF. MKT. & QUANT. METHODS, COLUMBIA, 69- Marketing; quantitative methods. Address: 25 Dwars Kill Lane, Norwood, N.J. 07046.
- LEHMANN, DR. GLENN ALBERT. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. asst. adn. res. policy, 66-, U.S. Agency for International Development, U.S. Dept. of State, Washington, D.C. 20523.
- LEHMANN, DR. MICHAEL ROAS, b. New York, N.Y. Nov. 6, 41; m. 68; c. 1. ECONOMICS, ECONOMIC HISTORY. B.A. Grinnell Col, 62, Ph.D. (econ), Cornell, 69. ASST. PROF. ECON, SAN FRANCISCO, 68- Econ. Asn. American economic history. Address: Dept. of Economics, University of San Francisco, San Francisco, Calif. 94117.
- LEHMANN, PROF. WILLIAM (CHRISTIAN). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New publ. Henry Home Lord Kames and the Scottish enlightenment, M. Nijhoff, The Hague, 70. Address: 2200 19th St. N.W., Apt. 805, Washington, D.C. 20009.
- LEHRHOFF, DR. IRWIN, b. Newark, N.J. June 4, 29; m. 52; c. 4. SPEECH PATHOLOGY. B.A. Southern California, 49, 51, Ph.D. (speech), 54. Chief speech pathologist, Children's Hosp. Col., 51-54, Speech clin. Harbor Gen. Hosp. 55-58; SPEECH PATHOLOGIST & PSYCHOLOGIST, CHILDRENS MED. GROUP, LOS ANGELES, 55-; SPEECH PATHOLOGIST, CEDARS-SINAI MED. CENTER, 67-; DIR. SPEECH PATH. DEPT. WEST-SIDE HOSP., 67- Consult. hosp. speech, convalescent hosp. & home health agencies. Mem. bd. dir. Reiss-Davis Child Study Center, Thailand, Clin. Psychol. Asn; Speech Asn; Am. Speech & Hearing Asn; Orthopsychiat. Asn. N.Y. Acad. Sci; Acad. Speech Path. & Audiol. Private Practice. School placement testing; counseling and guidance. Publ. Speech problems in children, J. Pediatr. co-auth. Pathogenesis and treatment of vocal nodules, J. Speech & Hearing Disorders, 5/62. Address: 465 N. Roxbury Dr, Beverly Hills, Calif. 90210.
- LEIBOWITZ, PROF. HERSHEL (WELDON), b. York, Pa. Feb. 21, 25; m. 49; c. 2. EXPERIMENTAL PSYCHOLOGY. B.A. Pennsylvania, 48; Paris, 45-46; M.A. Columbia, 50, Ph.D. (psychol), 51. Instr. psychol., Wisconsin, Madison, 51-53, res. assoc. psychol., 53-56, asst. prof. psychol., 57-58, asst. prof., 57-60, prof., 60-61; mgr. behav. sci. Int. Bus. Mach. Corp. N.Y. 61-62, adv. psychologist, Md, 60-61; PROF. PSYCHOL., PA. STATE, 62- Guggenheim fel, Max Planck Inst. Physiol. Behavior, 57-58; summers, vis. prof., Michigan, 62, Mass. Inst. Tech, 62, vis. scientist, U.S.-Japan Coop. Sci. Prog, 65. Consult. Vet. Admin, 59-; Inst. Defense Anal., 64-; Inst. Perception, Netherlands, 67. Consult. ed. J. Exp. Psychol., 60-, Psychology, Bull, 64-68, Science, 64-, Psychologische Forschung, 65- & Perception & Psychophys, 69- Mem. psychobiol. panel, Nat. Sci. Found, 62-65; vision cmt., Nat. Res. Coun, 62-; exp. psychol. study sect, Nat. Insts. Health, 70- U.S.A., 43-46. AAAS; Psychol. Asn, Inst. Physics; Human Factors Soc. Vision; perception; quantitative methods; human factors; engineering psychology; image analysis; perception; vision perception, Macmillan, 65; the human social system and image interpretation, I.D.A., 67. Address: Dept. of Psychology, Psychology Bldg, Pennsylvania State University, University Park, Pa. 16802.
- LEIDING, DR. JAMES (HERMAN). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: R.D. 1, Box 259A, East Stroudsburg, Pa. 18301.
- LEIDY, DR. THOMAS R (OSS). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Mgr. advert. res, 68-, Coca Cola Co, P.O. Drawer 1734, Atlanta, Ga. 30301.
- LEIGH, DR. DUANE E, b. Spokane, Wash. July 20, 42; m. 70. ECONOMICS. B.A. Washington State, 64; M.A. Mich. State, 66, Ph.D. (econ), 69. Asst. instr. ECON, Mich. State, 65-68; ASST. PROF. WASHINGTON STATE, 68- Econ. Asn. Examining the economics of the military draft. Address: Dept. of Economics, Washington State University, Pullman, Wash. 99163.
- LEIGH, DR. ROGER, b. Warrington, Eng. Aug. 29, 40; m. 62; c. 2. GEOGRAPHY. B.Sc. London, 63, Ph.D. (urban geog), 69; M.A. British Columbia, 65. ASST. PROF. URBAN GEOG, BRITISH COLUMBIA, 67- Nat. Adv. Cmt. Geog. Res. grant, 69. Regional Studies Asn; Asn. Pac. Coast Geog; Can. Asn. Geog. Comparative analysis of urban functions; regional variations in urban growth; evolution of internal city form. Publ. Specialty retailing: a geographical analysis, Tantalus, 66; Factors affecting the location of industry within cities, Can. Geog., 69. Address: Dept. of Geography, University of British Columbia, Vancouver, B.C. Can.
- LEIGHTON, DR. RICHARD M. History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- LEIJONHUFVUD, DR. AXEL S (TIG) (BENGTT), b. Stockholm, Sweden, Sept. 6, 33; m. 55; c. 3. ECONOMICS. Fil. Kand. Lund, 60; M.A. Pittsburgh, 61; fel. Brookings Inst, 63-64; Ph.D. (econ), Northwestern, 67. Acting asst. prof. ECON, CALIFORNIA, LOS ANGELES, 64-66, lect. 66-67, ASSOC. PROF. 67- Vis. prof. Stockholm Sch. Econ. & Commerce, 69. Swedish Army, 54-56, Res. 56-65, 1st Lt. Am. Econ. Asn; Swedish Nat. Econ. Soc. Economic theory, especially monetary theory; history of economic doctrines. Publ. On Keynesian economics and the economics of Keynes: a study in monetary theory, Oxford, 68; Keynes and the classics: two lectures, Inst. Econ. Affairs, 69; Keynes and the effectiveness of monetary policy, West. Econ. J., 68. Address: Dept. of Economics, University of California, 405 Hilgard Ave, Los Angeles, Calif. 90024.
- LEIK, PROF. ROBERT K (ENDRIC), b. Dubuque, Iowa, Nov. 26, 30; m. 69. SOCIOLOGY. B.A. Oregon, 53; M.S. Wisconsin, 57, Knapp fel. 58-59, Ph.D. (sociol), 60. Asst. prof. SOCIOL, WASHINGTON (SEATTLE), 60-64, assoc. prof., 64-66, PROF., 66- Res. coordinator, Wash. Inst. Sociol. Res, 65-67, dir. 67- Consult. Puget Sound Govt. Conf, 62-63; Sociometry, 65-66; Stan-

- ford Res. Inst. 69. AAAS; Sociol. Assn; Nat. Coun. Family Rel; Soc. Exp. Social Psychol. Experimental social psychology; mathematical sociology; sociological statistics and research methodology; family. Publ: Co-auth. Deductions from axiomatic theory, 12/64 & A scale for developmental processes, 2/68. Am. Sociol. Rev. auth; The distribution of acts in small groups, Sociometry, 9/67; plus others. Address: Dept. of Sociology, University of Washington, Seattle, Wash. 98105.
- LEINFELLNER, PROF. WERNER. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- LEININGER, DR. WILLIAM J (JOSEPH). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: V-pres, Opers. Res, Inc, 69- Address: 2515 Lanier Dr, Silver Spring, Md. 20910.
- LEISINGER, ALBERT H. American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- LELAND, DR. HENRY. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. psychol, Ohio State, 70-; Chief psychol, Ment. Retardation Training Prog, 70- Address: Mental Retardation Training Program, 9 West Buttes Ave, Columbus, Ohio 43215.
- LELAND, DR. LOUIS S, JR. b. San Juan, P.R. Sept. 16, 41. PSYCHOLOGY, B.A., Maryland, 62; Ph.D. (psychol), Tennessee, 69. Instr. PSYCHOL, Texas Christian, 68-69, asst. prof, 69; LECHER, MARY ANN, 70. AAAS; Animal Behav. Soc. Animal behavior; imitation numerical concept and reversal learning. Publ: Empathic-imitative-observational learning in Peking ducklings, Psychonomic Bull, 67. Address: Dept. of Psychology, Massey University, Palmerston North, N.Z.
- LELONG, DR. DONALD C. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Office of Institutional Research, University of Michigan, 6060 Administration Bldg, Ann Arbor, Mich. 48104.
- LEMELIN, PROF. CHARLES. Economics. See 11th ed, Soc. & Behav. Vols, deceased 68.
- LEMELLE, DR. TILDEN J. Political Science, International Relations. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. dir, 69-; Center on International Race Relations, Graduate School of International Studies, University of Denver, Denver, Colo. 80210.
- LEMESHOW, PROF. SEYMOUR. Education, Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, Trenton State Col, 68- Address: 15 Bedford Rd, Kendall Park, N.J. 08824.
- LEMONS, DR. HOYT. Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Chmn. scientist, 69-, U.S. Army Res. & Develop. Group, Europe, APO New York 09757.
- LENNAN, DR. PATRICK M (NER), b. Omaha, Nebr. Aug. 26, 37; m. 60; c. 3. ECONOMICS. B.A. Creighton, 59; Ph.D. (econ), Wisconsin, 68. Instr. ECON, Marquette, 62-67; ASST. PROF. EASTERN ILLINOIS, 67- Econ. Assn; Indust. Rel. Res. Assn; Assn. Evolutionary Econ. Economic effects of minimum wage laws. Publ: A comment on wage adjustment and profit rates, Indust. & Labor Rel. Rev, 4/70. Address: Dept. of Economics, Eastern Illinois University, Charleston, Ill. 61920.
- LENN, DR. THEODORE I. Sociology, Social Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Consult. & res. sociologist, Theodore I. Lenn, Ph.D. & Assocs, 69- Address: 8 Fairway, West Hartford, Conn. 07117.
- LENTNEK, DR. BARRY, b. Brooklyn, N.Y. Dec. 14, 38; m. 60; c. 1. GEOGRAPHY. A.B. City Univ. New York, 60; M.A., 61; fels, Hopkins, 61-62 & 64, Ph.D. (geog), 66. Teacher, jr. high sch, N.Y. 60; instr. GEOG, Essex Community Col, 62-63; asst. prof, Arizona, 64-65; Ohio State, 65-70; ASSOC. PROF., STATE UNIV. N.Y. BUFFALO, 70- Teaching asst, Hopkins, 62-63; res. assoc. Natural Resources Inst, Ohio State, summer 65. Res. asst. Nat. Sci. Found, 63, prin. invest, 68-70. Chmn. exec. comm, Conf. Latin Americanist Geogr, 69-70. Assn. Am. Geogr. Regional Sci. Assn. Spatial aspects of economic development in Latin America; recreational geography. Publ: Ed. Latin American geography: an agenda for the seventies, Ball State Univ, 71; auth, Transition from subsistence to commercial agriculture: A case study of El Llano, Aguas Calientes, Mexico, Ann. Assn. Am. Geogr, 3/69; co-auth, Spatial behavior in recreational bathing: a case study in Ohio, J. Leisure Res, spring 69. Address: Dept. of Geography, State University of New York, at Buffalo, Amherst, N.Y. 14226.
- LEONARD, PROF. GEORGE EDWARD, b. Pittsfield, Mass. Nov. 12, 31; m. 61; c. 2. PSYCHOLOGY. B.S. Mass. State Col, 53; M.A. Columbia, 54, Ed.D. (counseling), 60. Asst. prof. PSYCHOL, Long Island, 58-60; Kent State, 60-62; PROF., WAYNE STATE, 62- PSYCHOL. Assn; Nat. Voc. Guid. Assn. Psychology and counseling of inner city youth. Publ: Co-auth, The elementary counselor, Savorand, 67; auth, Developmental career guidance, Wayne State Univ, 68; co-auth, The authentic counselor, Prentice-Hall, 71. Address: Dept. of Psychology, Wayne State University, Detroit, Mich. 48202.
- LEONARD, PROF. JOHN W, b. Yonkers, N.Y. May 22, 19; m. 43. ECONOMICS, INDUSTRIAL & LABOR RELATIONS. B.S. Arizona, 52, M.A., 55; Burt Wilder fel, Cornell, 54, Ph.D. (indust. & labor rels), 58. Asst. prof. econ. Indus, 57-60, assoc. prof, 60-64, prof, 64-69, dir. inst. indust. & labor rels, 61-69; PROF. ECON, SOUTHERN ILLINOIS, 69- Mem. Nat. Panel of Arbitrators, Fed. Mediation & Conciliation Serv. & Am. Arbit. Assn, 61-; app. Pub. Employ. Disputes Settlement Panel, Wash. D.C. 69- U.S.A.A.F., 42-46, S/Sgt. Nat. Acad. Arbit; Econ. Assn; Indust. Rel. Res. Assn; Assn. Evolutionary Econ. Collective bargaining and dispute settlement in the public sector and various aspects of arbitration in public and private sectors; manpower and labor market problems in the public sector. Publ: Dismissal for off-the-job criminal behavior, 11/67 & Discipline for off-the-job activities, 10/68, Monthly Labor Rev; Guidelines for off-the-job discipline and discharge, Personnel Admin, 11-12/69. Address: Dept. of Economics, Southern Illinois University, Edwardsville, Ill. 62025.
- LEONARD, DR. LOUISE C (ARELLI). Educational Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Coordinator practicum, univ. counseling center, Wisconsin, Madison, 68- Address: 5130 Juneau Rd, Madison, Wis. 53705.
- LEONE, DR. MARK P, b. Waltham, Mass. June 26, 40. ANTHROPOLOGY, ARCHAEOLOGY. A.B. Tufts, 63; M.A. Arizona, 65, Ph.D. (anthrop), 68; Harvard, 65-66. ASST. PROF. ANTHROP, PRINCETON, 68- Cmt. res. soc. sci. & humanities grant, Princeton, 69, univ. res. bd. grant, 70. Asst. dir, Southwest archaeol. exp. Field Mus. Natural Hist, 67-69. AAAS; Anthrop. Assn; Soc. Am. Archaeol. Archaeol. Inst. Am. Southwestern archaeology and ecology, cultural evolution. Publ: Neolithic economic autonomy and social distance, Science, 12/68. Address: Program in Anthropology, Princeton University, Princeton, N.J. 08540.
- LEONHARD, DR. DIETRICH L (OUIS). Business Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dietz Leonhard Corp, 410 N. Michigan Ave, Chicago, Ill. 60610.
- LEONS, DR. MADELINE BARBARA, b. New York, N.Y. Aug. 27, 38; m. 60; c. 2. SOCIAL ANTHROPOLOGY. B.A. Brandeis, 59; fels, California, Los Angeles, 59-60 & 63-65, M.A., 62, Ph.D. 66. Instr. ANTHROP, Southern California, 65-66; ASST. PROF., PITTSBURGH, 66- Nat. Sci. Found. res. grant, 68-69. Fel. Anthrop. Assn. Bolivia; social stratification and pluralism; peasant economics. Publ: Land reform in the Bolivian Yungas, In: The social anthropology of Latin America: essays in honor of Ralph Leon Beals, Univ. Calif, 70; co-auth, Agrarian reform and economic change in Nor Yungas, Bolivia, In: The revolution and the revolutionaries, Univ. Pittsburgh (in press). Address: Dept. of Anthropology, University of Pittsburgh, Pittsburgh, Pa. 15213.
- LEPPER, DR. MARY K, b. Philadelphia, Miss. June 12, 30; m. 47; c. 2. POLITICAL SCIENCE, COMPARATIVE POLITICS. B.A., Calif. State Col. Fullerton, 61; Ph.D. (govt), Fla. State, 66. ASST. PROF. POL. SCI, CALIF. STATE COL. FULLERTON, 65- Participant, Off. Ed. Univ. California, Los Angeles African Studies Summer Inst, 68-69. Polit. Sci. Assn; African Studies Assn. Foreign policy formulation; relations between state and defense; role of interest groups in foreign policy formulation; political communication in Africa. Publ: Foreign policy formulation: demands and supports, C.E. Merrill, 70; co-auth, Framework of American politics, Wiley, 70; auth, Analytic methods in comparative politics, Prentice-Hall, 71. Address: Dept. of Political Science, California State College at Fullerton, 800 N. State College Blvd, Fullerton, Calif. 92631.
- LEPPMANN, DR. PETER K. Experimental Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- LERMAN, DR. JAY WILLIAM, b. Philadelphia, Pa. May 29, 29; m. 54; c. 3. SPEECH PATHOLOGY, AUDIOLOGY. B.A. Temple, 55, M.A., 57; Ph.D. (speech), Pittsburgh, 61. Instr. SPEECH, Pittsburgh, 60-61, asst. prof. DEPT. HEALTH, ED. & WELFARE, CONN. PROF. 65- Lectr. Columbia Univ, 64 & 66; Dept. Health, Ed. & Welfare res. proj. hosp. Utrecht, Netherlands, 68-69. Dir, speech & hearing ed, Newtoning Hosp. for Crippled Children, Conn, 61- U.S.A.F., 46-49, Sgt. Speech & Hearing Assn. (found. award, 60); Cleft Palate Assn. Stuttering; laryngectomy. Publ: Co-auth, The effect of situational difficulty on stuttering, J. Speech & Hearing Res, 9/65; auth, A laryngeal voice production, Conn. Med, 4/66; co-auth, Hearing-aid usage and its effect upon residual hearing, Arch. Otolaryngol, 12/67. Address: Dept. of Speech, University of Connecticut, Storrs, Conn. 06268.
- LERMER, DR. GEORGE, b. Luckj, Poland, Oct. 18, 39; Can. citizen: m. 63; c. 4. ECONOMICS. B.Sc. Mass. Inst. Tech, 60; Ford Found. fel. Pennsylvania, 61-62; M.A. McGill, 63, Ph.D. (econ), 70; Can. Coun. fel. London Sch. Econ, 69-70. Asst. prof. econ. theory, Ont. Agr. Col. Univ. Toronto, 62-63; instr. ECON, British Columbia, 63-64; sessional lectr. SIR GEORGE WILLIAMS, 64-65, asst. prof, 65-69, ASSOC. PROF., 69- Dynamic general equilibrium models. Publ: Co-auth, Canadian money and banking, 2nd ed. McGraw, 68; auth, Dynamic analysis of the Walrasian Tâtonnement, Can. Econ. J., 8/70. Address: Dept. of Economics, Sir George Williams University, Montreal, Que. Can.
- LESAR, DR. DAVID J, b. Cass Lake, Minn. Apr. 10, 37; m. 61; c. 1. COUNSELLING PSYCHOLOGY. B.S. St. Cloud State Col, 60, M.A., 62, Ed.D. Defense Ed. Act Inst. Missouri, 63-64; Ed.D. (counseling psychol), Indiana, 67. Prin. Wales High School, 60-61; sch. counsr, McGregor High School, 62-63; counsr, Northern Illinois, 64-66; vis. lectr. Indiana, 66- ASOC. PROF. PSYCHOL, ST. CLOUD STATE COL, 67- Sensitivity trainer, Wichita Univ. summer 69; ed. & counseling consult, Minn. Dept. Employ. Security, 68- Ed. Research Assn. Personnel & Guid. Assn. Publ: Criteria administrators use in selection of counselors, Sch. Counsr, 9/69 & GATB psychomotor performance by rehabilitation clients with psychotic and neurotic histories, Rehab. Bull, winter 70. Address: Dept. of Psychology, St. Cloud State College, St. Cloud, Minn. 56301.
- LESHNER, DR. MARTIN. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. Temple, 70-, dir. training, 69- Address: Temple University Health Science Center, Philadelphia, Pa. 19140.
- LESHNER, PROF. SAUL S. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: sch. bus. admin, 70- Address: 7 Loucroft Rd, Haddon Heights, N.J. 08035.
- LESLIE, PROF. GERALD R (ONNELL). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 2015 N.W. 27th St, Gainesville, Fla. 32601.
- LESTER, DR. DAVID, b. London, Eng, June 1, 42; m. 67. PSYCHOLOGY. B.A. Cambridge, 64, M.A., 68; M.A. Brandeis, 66, Ph.D. (psychol), 68. Instr.



- psychol. Wellesley Col. 67-68, asst. prof. 68-69; RES. DIR. SUICIDE PREV. & CRISIS SERV. 69. Nat. Inst. Ment. Health res. grant. 67-68. AAAS; Am. Sociolology. Suicide death; curiosity; exploratory behavior; methodology in psychology. Publ: Explorations in exploration, Van Nostrand, 69; Experimental and correlational studies of the fear of death, Psychol. Bull. 67 & Suicidal behavior in men and women, Ment. Hyg. 69. Address: 45 Brantford Place, Buffalo, N.Y. 14222.
- LESTER, DR. GENE ALICE. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Asst. prof. 69., Dept. of Psychology, State University of New York College at Buffalo, 1300 Elmwood Ave, Buffalo, N.Y. 14222.
- LESTER, DR. ROBERT CARLTON. Comparative Religion. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. & Law.
- LESTER, DR. W. BERNARD, b. Havana, Fla. Jan. 9, 39; m. 61; c. 1. AGRICULTURAL ECONOMICS. B.S.A. Florida, 61, M.S.A. 62; Ph.D. (agr. econ), Texas A&M, 65. Agr. economist, Texas A&M, 65-67; res. economist, Fla. Citrus Cmn, 67-68. DIR. ECON. RES. DEPT. FLA. DEPT. CITRUS, 69. U.S.A.R. 56-59. Agr. Econ. Asn. Mkt. Asn. Economic and market development research for agricultural commodities utilizing experimental designs, consumer surveys and analysis of secondary data to provide industry groups specific recommendations. Publ: Florida citrus in a changing environment—have you bought your book? Citrus Indust. 2/69. Imports and exports—implications for the Florida citrus grower, 4/69 & the effect of size and type of display on sales of fresh Florida oranges, 9/69, Fla. Citrus Cmn. Address: Economic Research Department, 1107 McCarty Hall, University of Florida, Gainesville, Fla. 32601.
- LETHWORTH, DR. GEORGE ALLEN, b. Liberty, Mo. Jan. 20, 40; m. 64. SOCIAL PSYCHOLOGY. B.A. Oklahoma Baptist, 62; M.S. Oklahoma, 65, Ph.D. (psychol), 68. Asst. teaching, Oklahoma, 65 & 66, res. asst. res. inst. 65-66, res. specialist, div. voc. rehab. 66-67. ASST. PROF. TEACHING, Oklahoma Baptist, 67-69. OKLAHOMA, 69. Psychol. Asn. Sociol. Asn. Ed. Res. Asn. Teacher mobility and retention; factors underlying discipline decisions; classism; social interaction. Publ: Co-auth. Achievement motivation and ordinal position of birth, Psychol. Reports, 68. Address: University of Oklahoma College of Education, Norman, Okla. 73069.
- LETOURNEAU, DR. JACQUES E, b. Montreal, Que. Sept. 19, 33; m. 66; c. 1. PSYCHOLOGY. B.A. Montreal, 53, Ph.D. (psychol), 64. Asst. prof. PSYCHOL. SCH. OPTOM. MONTREAL, 63-69. ASSOC. PROF. 69. Fel. AAAS; fel. Acad. Optom; Int. Asn. Appl. Psychol. Visual perception; developmental psychology. Publ: Effets de l'anhydride sulfureux sur la vision scotopique, 33: 46 & Représentation spatiale et succès en géométrie descriptive, 33: 50, Ann. French-Can. Asn. Adv. Sci. The effect of auditory stimulation on visual sensitivity to red and green, Am. J. Optom., 44: 677. Address: 1279 Champlain, Montreal 380, Que. Can.
- LETWIN, DR. WILLIAM L (OUI). Economic History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- LEUTHOLD, DR. CARL ARTHUR. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 917 Lemonweir Pkwy, Tomah, Wis. 54660.
- LEVAN, PROF. PAUL E, b. Reading, Pa. Dec. 9, 29; m. 51; c. 1. PSYCHOLOGY. B.S. Albright Col, 51; M.A. Columbia, 58; summer, Pennsylvania, 60. AS-SOC. PROF. SOC. SCI. & CRIM. DEPT. ROCHESTER INST. TECH. Lectr., Highland Hosp. 59-61. U.S.A.F. 51-55. Psychol. Asn. Physiological and abnormal psychology; theories of personality. Address: 11 Knolltop Dr, Rochester, N.Y. 14610.
- LEVANTROSSER, DR. WILLIAM F (FREDERICK). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn. 69., Dept. of Political Science, Hofstra University, Hempstead, N.Y. 11550.
- LEVENSON, DR. MYRON H. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn. 69., Dept. of Sociology & Anthropology, Indiana University of Pennsylvania, Indiana, Pa. 15701.
- LEVENTMAN, DR. SEYMOUR. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. 68., Dept. of Sociology, Boston College, Chestnut Hill, Mass. 02160.
- LEVERIDGE, PROF. DON R, b. New York, N.Y. Aug. 2, 18; m. 45; c. 2. SOCIAL PSYCHOLOGY, BEHAVIORAL SCIENCE. B.A. Chicago, 41; M.A. & Ed.D. Columbia, 51. Dir. ed. N.Y. region, Nat. Conf. Christians & Jews, 48-50; packinghouse workers, Congress Indust. Orgn. 51-53; asst. prof. group dynamics, feld group dynamics center, Temple, 53-55; coordinator faculty studies, Gadsden Col. 58-59; prof. sociol. & psychol. Keene State Col. 58-63; prof. soc. psychol. & appl. behav. sci. & asst. dir. lab. appl. behav. sci., Newark State Col. 63-66; PROF. SOCIOL. & EAST. CONN. STATE COL. 66. Consult. Am. Mgt. Asn. 57-67; Univ. Connecticut, 66.; Community Progress New Haven, 68. U.S.A. 42-44, Sgt. Asn. Higher Ed. Applied behavioral science; improvement of college instruction; human relations laboratory training; community study and development; and poverty programs. Publ: Co-auth. A framework for research in human relations, Fels Group Dynamics Center, 55; auth. The college as a laboratory, J. Group Psychother., 3/57. Address: Dept. of Sociology, Eastern Connecticut State College, Willimantic, Conn. 06226.
- LEVI, PROF. ISAAC. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- LEVI, PROF. WERNER. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Political Science, University of Hawaii, 2500 Campus Rd, Honolulu, Hawaii 96822.
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- LEVIN, DR. HERMAN (VAN). Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Practicing clin. psychologist, 69. Address: 2519 N. Ocean Blvd. Apt. 311, Boca Raton, Fla. 33432.
- LEVIN, DR. JACK, b. New Orleans, La. June 28, 41; m. 64; c. 2. SOCIOLOGY, SOCIAL PSYCHOLOGY. B.A. Am. Inst. Col. 63; M.Sc. Boston, 65, Ph.D. (sociol), 68. ASST. PROF. sociol. BOSTON, 68-69. LESTER, R. 69. Grant, President's Cmn. Pornography & Obscenity, 69-70. Consult. Boston Redevelop. Authority, 68-69; Law & Poverty Proj., Boston Univ. 68, Center for Criminal Justice, 69. AAAS; Sociol. Asn. Soc. Study Social Prob. Prejudice and aggression; reference groups and social comparison; criminal justice; attitudes; generation gap; public housing; mass communication; helping behavior. Publ: Co-auth. Differential effects of conformity and competing variables in primacy-recency, J. Soc. Psychol. 66, Role distance in Negro and majority fiction, Journalism Quart. 66 & Bureaucracy and the socially handicapped: a study of the lower-status tenant in public housing, Sociol. & Soc. Res. 1/70. Address: Communication Research Center, Boston University, 640 Commonwealth Ave, Boston, Mass. 02215.
- LEVIN, DR. JOEL R, b. Newark, N.J. Dec. 24, 42; m. 67. EDUCATIONAL PSYCHOLOGY. A.B. California, Berkeley, 64, M.A. 66, Ph.D. (ed. psychol), 69. ASST. PROF. ED. PSYCHOL., WISCONSIN, MADISON & PRIN. INVESTR. SATELLITE PROJ. WISCONSIN & DEVELOP. CENTER FOR COGNITIVE LEARNING, 69. Ed. consult. & prog. evaluator, 69. Psychol. Asn. Ed. Res. Asn. Children's learning; research design and analysis in education. Publ: Appropriate post hoc comparisons for interaction and nested hypotheses in analysis of variance designs: the elimination of type IV errors, Am. Ed. Res. J. 5/70; auth. Verbal organizations and the facilitation of serial learning, J. Ed. Psychol. 4/70. Elaboration preferences and differences in learning proficiency, In: Vol. 2, Cognitive studies, Brunner/Mazel, (in press). Address: 1404 Regent St, Madison, Wis. 53711.
- LEVIN, PROF. RICHARD IVOR, b. Philadelphia, Pa. Mar. 10, 30; m. 51; c. 3. BUSINESS ADMINISTRATION, INDUSTRIAL ENGINEERING. B.S. N.C. State, 51, M.S. & Ph.D. (bus. admin), North Carolina, Chapel Hill, 59. Eng. United Mills Corp. Div. Glen Alden Mills, 51-52; instr. indust. eng. N.C. State, 51-52; lectr. BUS. ADMIN. North Carolina, 53-55, asst. prof. 57-62, assoc. prof. 62-65; vis. prof. Middle East Tech, Ankara, 66-67; PROF. NORTH CAROLINA, 67. Consult. Ministries of Agr. Ed. Labor & Housing, Turkey & Indust. Coll. Armed Forces, 66-67. U.S.A.F. 55-57. Capt. Int. Mgt. Sci. Inst. Indust. Eng. Soc. Adv. Mgt. Managerial behavior using management gaming and simulation; constraints to effective utilization of information systems and operations research in formal organizations; research in educational technology. Publ: Co-auth. Quantitative approaches to management, McGraw, 65, Linear programming for management decisions, Irwin, 69 & The world of games and simulations, W.B. Kk. Co. 69. Address: 2131 N. Lakeshore Drive, Chapel Hill, N.C. 27514.
- LEVIN, PROF. SAMUEL M (ORDECAJ). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 29143 Evergreen Rd, Southfield, Mich. 48075.
- LEVIN, DR. SAUL M (MICHAEL). Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. 69., Dept. of Psychology, University of Delaware, Newark, DE 19711.
- LEVINE, DR. ARTHUR LOUIS, b. Cleveland, Ohio. Nov. 23, 29; m. 49; c. 2. POLITICAL SCIENCE, PUBLIC ADMINISTRATION. A.B. Western Reserve, 50, A.M. 52; Ph.D. (govt), Columbia, 63. Asst. civil serv. exam, Civil Serv. Cmn, Cleveland, 52-53; lectr. polit. sci., City Col. New York, 54-55; res. asst. Am. Fedn. State, County & Munic. Employees, 55; supvr. tech. recruiting, Lewis Flight Propulsion Lab, Nat. Adv. Cmn. Aeronaut. 55-58, mgr. & res. staffer, Lewis Res. Center, NACA, 58-61, EXEC. OFFICE GODDARD INST. SPACE STUDIES, 61. Lectr. Western Reserve, 52 & 56-61; Adelphi, 64; Hunter Col. 64-65; Baruch Col. City Univ. New York, 65-; lectr. & co-ordinator course on man & space, sch. continuing ed. N.Y. Univ. 68. Soc. Pub. Admin. Polit. Sci. Asn. Relationship of government to science administration of science and technology: training for public administration. Publ: The creations of NACA and NASA, Am. Inst. Aeronaut. & Astronaut, 67; co-auth. Obstacles to better administration of science, New York Metrop. Chap. Am. Soc. Pub. Admin. 68; ed. Educational opportunities in public administration: a directory for the New York City area, Am. Soc. Pub. Admin. 68. Address: 463 Dunster Ct, West Hempstead, N.Y. 11552.
- LEVINE, DR. CONALEE. Psychology. See LEVINE-SHNEIDMAN, this Suppl.
- LEVINE, DR. DAVID L (AWRENCE). Social Welfare, Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. & proj. dir., 69., School of Social Work, University of Georgia, Athens, Ga. 30601.
- LEVINE, PROF. E. LESTER, b. Amasa, Mich. May 13, 33. POLITICAL SCIENCE. B.A. Wisconsin, 55, M.A. 56; Chicago, 57-59. Res. asst. polit. sci., Wisconsin, Madison, 54-55; instr. Occidental Col. 59-62; dir. Assembly Legis. Reference Serv., Calif. State Legis. 62-65, consult. Joint Legis. Retirement Cmt. 65; pres. planning analyst, Off. of Gov. & Eval. U.S. Off. Ed. 66-67; res. dir., President's Coun. Youth Opportunity, 67-68; ASSOC. PROF. GOVT. POLIT. RES. INST. FLA. STATE, FLA. Lectr. polit. sci., California, Davis, 63-64; assoc. dir. Polit. Res. Inst. Fla. State, 68-69, dir. 69-

- Mem. adv. cmt. Wis. Div. Children & Youth, 49-52; exec. cmt. Wis. Gov. Cmt. Children & Youth, 51-55. Accompanying witness, Nat. Adv. Cmn. Civil Disorders, Nov. 68; del. Midcentury White House Conf. Children & Youth, 50. U.S.A., 55-57, 1st Lt. Polit. Sci. Assn. Soc. Pub. Admin. American government, particularly intergovernmental relations; public administration, particularly decision-making; public opinion and parties; state legislatures. Publ.: Co-ed, Cooperation and conflict: readings in American federalism, F.E. Peacock, 69; auth, The 1969 Florida legislature: a new constitution and new procedures, Fla. State Univ., 69; co-auth, Marijuana use, social deviance and political adaptation, Am. Polit. Sci. Rev., 3/71. Address: 620 Bellamy, Florida State University, Tallahassee, Fla. 32306.
- LEVINE, DR. FREDRIC M. b. New York, N.Y. May 20, 37; m. 65; c. 1. CLINICAL & EXPERIMENTAL PSYCHOPATHOLOGY. B.A., City Coll. New York, 61; M.A., Northwestern, 63, Ph.D. (psychol), 65. Res. assoc. PSYCHOL. Harvard Med. Sch., 65-67; ASST. PROF. STATE UNIV. N.Y. STONY BROOK, 67- U.S.A., 56-58. Psychol. Assn; Soc. Psychophysiol. Res. Experimental approaches to schizophrenia; behavioral, psychophysiological and pharmacological research in schizophrenia. Address: Dept. of Psychology, State University of New York at Stony Brook, Stony Brook, N.Y. 11790.
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- LEVINE, PROF. MURRAY, b. Brooklyn, N.Y., Feb. 24, 28; m. 51; c. 2. PSYCHOLOGY. B.S.S. City Coll. New York, 49; M.A. Pennsylvania, 51, Ph.D. (psychol), 54. Clin. psychologist, Vet. Admin., 49-56; Devereux Schs., 56-63; asst. prof. psychol, Yale, 63-64, assoc. prof., 64-68; PROF. PSYCHOL. & DIR. CLIN. TRAINING, STATE UNIV. N.Y. BUFFALO, 68- Consult. Community Progress, Inc., Conn, 63-68; Vet. Admin., 63- U.S.A., 47-48. Psychol. Assn; Orthopsychiat. Assn. Community psychology; social history of clinical services; education and social change. Publ.: Co-auth, Rorschach index of repressive style, C.C. Thomas, 64, Psychology in community settings, Wiley, 66 & Social history of helping services: clinic, court, school and community, Appleton, 70; plus others. Address: Dept. of Psychology, State University of New York at Buffalo, Buffalo, N.Y. 14214.
- LEVINE, DR. RICHARD C(ARL). Electrical Engineering. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- LEVINE, PROF. SOLOMON B(ERNARD). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. econ. & bus., 69-, University of Wisconsin, 1440 Van Hise Hall, Madison, Wis. 53706.
- LE VINE, PROF. VICTOR T(HEODORE). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. & head, 69-, Dept. of Political Science, University of Ghana, P.O. Box 64, Legon, Ghana.
- LEVINE-SHNEIDMAN, DR. CONALEE, b. Brooklyn, N.Y. Feb. 22, 30; m. 61. PSYCHOLOGY. B.A., Brooklyn Coll., 51, univ. fel., 51-52; M.A., N.Y. Univ., 53, univ. & U.S. Pub. Health Serv. fcls, 58-59, Ph.D. (psychol), 59, cert. psychother. & psychoanal., 61 & 67. Psychol. intern, Jewish Soc. Serv., 52-53; head dept. psychol, N.Y. League Head of Hearing, 53-55; psychologist, Riverside Hosp., 55-58; asst. prof. psychol, Rutgers, 58-59; Fairleigh Dickinson, 59-64; asst. prof. psychol, N.Y. Univ., 64-68, ASSOC. PROF., 68- Sr. Psychologist & consult, Lincoln Inst. Psychother., 59-61; private practice, 59- Psychol. Assn. Personality organization; psychological causes and treatment of drug addiction; psychoanalysis. Address: 161 W. 86th St, New York, N.Y. 10024.
- LEVINER, PROF. GEORGE. Social Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., 69-, Dept. of Psychology, University of Massachusetts, Amherst, Mass. 01002.
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- LEVITT, DR. HERBERT S(DNEY). Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Prof. psychol., Pitzer Coll., 69-; prof. counseling, Calif. State Coll. Los Angeles, 69- Address: Counseling Center, California State College at Los Angeles, Los Angeles, Calif. 90032.
- LEVITT, DR. ROBERT A(LAN). Physiological Psychology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- LEVY, DR. ALBERT G(UNTER) D(AVID). Political Science, Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Pres, Albert Levy Assocs, Inc., 68 Address: Consultants in Public Administration & Economic Planning, 9702 Forest Glen Court, Silver Spring, Md. 20910.
- LEVY, DR. ARTHUR B., b. Toronto, Ont., June 5, 40; m. 64; c. 2. POLITICAL SCIENCE. B.A., Toronto, 63, Inst. Citizenship & univ. fcls., 64; M.A., 65; univ. fel. & Ph.D. (pol. sci.), Harvard, 69. Vis. lectur. govt. Boston, 68-69; ASST. PROF. POLIT. SCI., TULANE, 69. Polit. Sci. Assn. U.S.A. 65; Congress and Presidency; public policy and administration. Address: Dept. of Political Science, Tulane University, New Orleans, La. 70118.
- LEVY, DR. EDWIN Z., b. Highland Park, Ill. Nov. 19, 29; m. 51; c. 3. CLINICAL & CHILD PSYCHOL. PSYCHOANALYSIS. B.S. Northwestern, 51, M.S., 53, M.D., 54; grad. Topeka Inst. Psychoanal., 70. Intern int. med. second med. div., Bellevue Hosp. Cornell, 54-55, res. pediat. children's med. div., 55-56; res. psychiatrist aero-med. lab, Wright Air Develop. Center, Wright Patterson Air Force Base, 57-59; res. psychiat. Vet. Admin. Hosp., Topeka, Kans., 56-57 & 59-60; fel. child psychol. MENNINGER CLIN., 60-62.
- STAFF PSYCHIATRIST, 62-, MEM. FACULTY, MENNINGER SCH. PSYCHIAT., 64- Nat. Inst. Ment. Health career develop. award psychiat, Menninger Clin., 63-67. Med.C., U.S.A.F., 57-59, Capt. Fel. Psychiat. Assn; fel. Col. Physicians; fel. Orthopsychiat. Assn. Clinical psychiatry; psychoanalysis with children and adults; skin resistance; human isolation; space psychiatry; residential treatment of emotionally disturbed children and adolescents and follow-up research. Publ.: Co-auth, Psychiatric research in space medicine, Am. J. Psychol., 3/59; auth, On the residential treatment of adolescent girls, Sem. Psychiat., 2/69; Long term follow up of former inpatients at the Children's Hospital of the Menninger Clinic, Am. J. Psychiat., 6/69. Address: Box 829, Menninger Clinic, Topeka, Kans. 66601.
- LEVY, DR. LEO. Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Assoc. prof. prev. med. & community health, med. center, Illinois, 69- Address: 5232 S. Hyde Park Blvd, Chicago, Ill. 60615.
- LEVY, DR. MICHAEL E(RNST). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. econ. policy res., Nat. Indust. Conf. Bd., 69- Address: 90 Morningside Dr, Apt. 22B, New York, N.Y. 10027.
- LEVY, PROF. NATHAN, JR. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- LEVY, PROF. ROBERT ISAAC. Psychiatry, Psychological Anthropology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-, Dept. of Anthropology, University of California, San Diego, La Jolla, Calif. 92037.
- LEVY, DR. ROBERT M(ICHAE). b. Lynbrook, N.Y. Mar. 8, 40; m. 64; c. 2. PSYCHOLOGY. B.A. New Sch. Social Res., 63; M.A., Connecticut, 65, Ph.D. (exp. psychol), 67. Sr. res. psychologist, elec. boat div, Gen. Dynamics Corp., 67-68; ASST. PROF. PSYCHOL., INDIANA STATE, 68- Psychol. Assn; Inst. Elec. & Electronics Eng. Information processing; signal-detection; man-computer systems. Publ.: Co-auth, Alphabet size, implicit coding and the memory span, Proc. Am. Psychol. Assn. Convention, 68, Operator behavior in a dynamic visual signal detection task, J. Perception & Psychophys., 68 & An Analysis of the combination of perceptual dimensions, Psychol. Bull., 70. Address: Dept. of Psychology, Indiana State University, Terre Haute, Ind. 47809.
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- LEWICKI, DR. ROY JAMES, b. Brooklyn, N.Y. Nov. 28, 42; m. 69. SOCIAL PSYCHOLOGY. B.A., Dartmouth Coll., 64; Nat. Sci. Found. & Nat. Inst. Ment. Health fcls, Columbia, 65-68, Ph.D. (psychol), 69. ASST. PROF. ADMIN. SCI. & PSYCHOL., YALE, 68- Psychol. Assn; Soc. Psychol. Study Social Issues. Social psychology of social conflict; group dynamics; organizational effectiveness and change. Publ.: Co-auth, Strategies of social intervention, Free Press, 71. Address: Dept. of Administrative Sciences, Yale University, New Haven, Conn. 06520.
- LEWINSKI, DR. ROBERT JOHN. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 899 Bexley Dr, Perrysburg, Ohio 43051.
- LEWIS, PROF. C(LARENCE) GLENN. Business Law, Real Estate. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Publ.: Real estate appraisal and problems, Univ. Omaha, 68 (title changed from: Capitalization rate and real estate appraisal problems). Address: Dept. of Business Administration, University of Nebraska, Omaha, Nebr. 68101.
- LEWIS, PROF. DON. Psychology, Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. prof. psychol., Iowa, 68- Address: 300 Lucon Dr, Iowa City, Iowa 52240.
- LEWIS, EVERETT MERCER, JR., b. Wakefield, R.I., Apr. 12, 38; m. 62; c. 2. EXPERIMENTAL PSYCHOLOGY. B.A., Rhode Island, 60; M.Sc., Massachusetts, Amherst, 63. Res. asst. psychol., Massachusetts, Amherst, 61-63; exp. psychologist, Hamilton Standard Div, United Aircraft Corp., Conn., 64-67; res. scientist, Matrix Corp., 64-67; RES. PSYCHOLOGIST, INJURY CONTROL RES. LAB, ENVIRON. CONTROL ADMIN., U.S. DEPT. HEALTH, ED. & WELFARE, 67- Research with computer-based simulation equipment, determination of relationships between human characteristics and conditions resulting in accidents; lunar landing simulation and advanced supersonic aircraft defense studies. Publ.: The depressive effect of chlordiazepoxide on a negative incentive, Psychopharmacologia, 64; The effects of alcohol on decision-making with respect to traffic signals, 69 & The effects of varying levels of alcohol on dark adaptation time, 70, U.S. Dept. Health, Ed. & Welf. Affairs. Address: Injury Control Research Lab, 235 Promenade St, Providence, R.I. 02908.
- LEWIS, DR. GEORGE A., JR., b. Kansas City, Mo., Apr. 2, 33; m. 59; c. 3. PHYSIOLOGICAL PSYCHOLOGY. B.A., Wichita State, 61; M.A., Texas Christian, 65, Ph.D. (psychol), 67. ASST. PROF. PSYCHOL., WICHITA STATE, 65- Wichita State Univ. grant, 68-70. Psychol. Assn. Brain functions and early environment. Address: Dept. of Psychology, Wichita State University, Wichita, Kans. 67208.
- LEWIS, DR. GORDON HARRIMAN. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 69-, Dept. of Sociology, Carnegie-Mellon University, Pittsburgh, Pa. 15213.
- LEWIS, PROF. HOMER C(OLLIER). Business Administration. See 11th ed, Soc. & Behav. Vols., deceased 69.



- LEWIS, HYMAN L (EON). Economics, Political Science. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position & address: Sr. ad. prof., 70-, Central Bureau of Statistics, State of Israel, Jerusalem, Israel.
- LEWIS, DR. JAMES E (LDON). Geography. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position & address: Asst. prof., 69-, Dept. of Environmental Sciences, University of Virginia, Charlottesville, Va. 22903.
- LEWIS, PROF. JOHN WILSON. Political Science. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New information: Hon. D.H. Morningside Col., 69. New publ: Co-auth. The United States in Vietnam, Dial, rev. ed., 69; & Party leadership and revolutionary power in China, Cambridge, 70. Address: Dept. of Political Science, Stanford University, Stanford, Calif. 94305.
- LEWIS, DR. LAURENCE A. Geography. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position & address: Assoc. prof., 70-, Dept. of Geography, Clark University, Worcester, Mass. 01610.
- LEWIS, DR. LESLIE. Psychology, Education. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position & address: Dir. res., 69-, Central State College, 400 E. Hurd, Edmond, Okla. 73034.
- LEWIS, DR. MARJORIE L (OUISE). b. St. Louis, Mo, May 21, 24. PSYCHOLOGY. B.A., Iowa, 46, M.A., 46; summer, Minnesota, 60; Dept. Health Ed. & Welfare fel. & Ph.D. (counseling psychol.), Illinois, 69. Teacher hosp. sch. severely handicapped children, Univ. Iowa, 48-51; asst. prof. & superv. spec. ed., ILLINOIS STATE, 51-66, asst. prof. PSYCHOL., 66-69, ASSOC. PROF., 69-, STAFF PSYCHOLOGIST, PSYCHOL. COUNSELING SERV., 66- Psychol. Asn; Personnel & Guid. Asn; Coun. Except. Children; Rehab. Counseling Asn. Teen-age orphanage youngsters and college education majors, occupational interests, aspirations and adjustment. Address: 209 Eisenhower Dr., Apt. 2, Bloomington, Ill. 61701.
- LEWIS, PROF. W. ARTHUR, b. St. Lucia, B.W.I., Jan. 23, 15; m. 47; c. 2. POLITICAL ECONOMY. B.Com. London Sch. Econ. 37; Ph.D. London, 40; hon. M.A. Manchester & L.H.D. Columbia, 54; Litt.D. West Indies, 66; LL.D. Toronto & Wilkes Col., 69; Wales & Bristol, 61; Duke, 62; Leicester, 64; Rutgers, 65; Brussels, 69. Lectr. econ. London Sch. Econ. 38-47; Stanley Jevons prof. polit. econ. Manchester, 48-58; v. chancellor, Univ. West Indies, 59-63; PROF. POLIT. ECON., PRINCETON, 63- Prin. bd. trade, Colonial Off., U.K. 43-44; dir. Colonial Development, Corp. 50-52; dep. managing dir. U.N. Spec. Fund, 59-60; dir. Bank of Jamaica, 61-62; Indust. Develop. Corp. Jamaica, 62-63. Consult. Dept. Cmn. Fuel & Power, U.K., 51-52. econ. adv. to Prime Minister, Ghana, 57-58; spec. adv. to Prime Minister, West Indies, 61-62. Mem. Colonial Econ. Adv. Coun. U.K., 45-49. Knight Bachelor, 63. Am. Acad. Arts & Sci; Philo. Soc. Economic aspects of development of less developed countries: economic history. Publ: Economic survey, 1948; 1959, Torch & Harper, 49; The theory of economic growth, Irwin, 54; Development planning: the essentials of economic planning, Harper & Allen & Unwin, 66. Address: Dept. of Political Economy, Woodrow Wilson School, Princeton University, Princeton, N.J. 08540.
- LEWIS, WILLIAM B (ARRON). Psychology. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position & address: Asst. supt., 68-, California Youth Authority, Southern Reception Center & Clinic, 13200 S. Bloomfield, Newark, Calif. 90650.
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- LEY, DR. RONALD THEODORE, b. Buffalo, N.Y., Oct. 19, 29; m. 65. EXPERIMENTAL PSYCHOLOGY. B.A., Buffalo, 51; Ph.D. (exp. psychol.), Syracuse, 63. Asst. prof. psychol. Northern Illinois, 63-64; grad. faculty, New Sch. Soc. Work, 64-66; ASSOC. PROF. PSYCHOL. & STATIST. STATE UNIV N.Y. ALBANY, 66- State Univ. N.Y. Res. Found. grants-in-aid, 67-70; vis. prof. Univ. Puerto Rico, 69; summers, State Univ. N.Y. Res. Found. faculty res. fel., 67, 68 & 70. AAAS; Psychol. Asn; Psychonomic Soc; Statist. Asn. Basic processes of learning and motivation in humans and infra humans. Publ: Effects of food and water deprivation on response motivated by acquired fear, 6/65 & Associative reaction time, meaningfulness and presentation rate in PA learning, 3/68; J. Exp. Psychol; Force-contingent reinforcement in instrumental conditioning and extinction, J. Comp. Psychol. Psychol. 11/69. Address: Dept. of Psychology, State University of New York at Albany, 1400 Washington Ave., Albany, N.Y. 12203.
- LEYS, PROF. WAYNE A (LBERT) (RISSER). Philosophy. See 5th ed. Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- LI, PROF. FANG-KUEI. Anthropology, Linguistics. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position & address: Prof. Asian lang., 69-, Dept. of Linguistics, University of Hawaii, Honolulu, Hawaii 96822.
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- LIBERTY, DR. PAUL G. JR, b. Giddings, Tex. Dec. 10, 30; m. 55; c. 3. SOCIALIZED EDUCATIONAL PSYCHOLOGY. B.A. & B.B.A. St. Mary's (Tex.), 58; Nat. Inst. Ment. Health fel., Texas, Austin, 59-62, Ph.D. (ed. psychol.), 62, Res. assoc. human talent proj. lab. human develop. col. ed. Texas, Austin, 61-62; Nat. Inst. Ment. Health res. fel. soc. sci. appl. multivariate tech. Washington (Seattle), 62-63; res. psychologist, personnel res. div. Air Force Human Resources Lab., Lackland Air Force Base, Tex. 63-66; assoc. prof. guid. & ed. psychol. bur. ed. res. Southern Illinois Univ., 66-67; res. coordinator, Southwest. Coop. Ed. Lab. Inc., N.Mex. 67-68, asst. dir. prog. 68, dep. dir. 68-69; ASSOC. PROF. ED. PSYCHOL. & ASSOC. DIR. MEASUREMENT & EVAL. CENTER, TEXAS, AUSTIN, 69- Coordinator eval. Proj. Uplift, Jefferson, Ill. 66-67; ed. auditor, Edinburg Bilingual Prog., Tex. 69-70. U.S.N. 51-55. Psychol. Asn; Sociol. Asn; Ed. Res. Asn; Nat. Coun. Measurement in Ed; Soc. Psychol. Study Social Issues. Personality theory and measurement; human learning; motivation; human factors research; psychological measurement and research methodology; evaluation in educational programs; psychological applications to education. Publ: Co-auth. Perceptual defense, dissimulation and response styles, J. Consult. Psychol., 28: 529-537, Concern with mastery and occupational attraction, J. Personality, 34: 105-117 & The patterning of parental affection and disciplinary dominance as a determinant of guilt and sex-typing, J. Personality & Soc. Psychol., 4: 356-363, plus others. Address: Measurement & Evaluation Center, University of Texas at Austin, Austin, Tex. 78712.
- LICCIONE, DR. JOHN V (CTOR). Psychology. See L-Z Vol, 11th ed. Soc. & Behav. Vols. Change of address: 9191 W. Watertown Plank Rd, Milwaukee, Wis. 53226.
- LICHTENSTEIN, DR. ARTHUR. Educational Psychology. See L-Z Vol, 11th ed. Soc. & Behav. Vols. Change of address: The Hemispheres, 1950 S. Ocean Dr., Hollandale, Fla. 33009.
- LICHTENSTEIN, DR. EDWARD, b. Brooklyn, N.Y., Apr. 10, 34; m. c. 2. PSYCHOLOGY. B.A., Duke, 56; M.A. Michigan, 57, Ph.D. (psychol.), 61. Psychol. asst., neuropsychiat. inst. Univ. Michigan Hosp., 58-59, counseling trainee, counseling center, Univ. 59-60; psychol. trainee, Detroit Ment. Hyg. Clin., 60-61; asst. prof. in residence, dept. psychiat. & clin. psychologist, dept. ment. hyg. center health sci., California, Los Angeles, 61-64; asst. prof. dep. psychol., Southern Illinois, 64-66, dir. grad. training, 65-66, ASSOC. PROF. PSYCHOL., OREGON, 66, DIR. PSYCHOL. CLIN., 68. Psychol. Asn. Clinical psychology; psychotherapy research; modification of smoking behavior. Publ: Personality similarity and therapeutic success: a failure to replicate, J. Consulting Psychol., 30: 282; co-auth. Modification of smoking behavior: a review, Psychol. Bull., 70: 520-533 & The importance of subjective evaluation of reinforcement in verbal conditioning, J. Exp. Res. Personality, 3: 214-220. Address: Dept. of Psychology, University of Oregon, Eugene, Ore. 97403.
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- LIDDON, DR. SIM C (LARK), b. Memphis, Tenn. Feb. 3, 35; m. 62; c. 3. PSYCHIATRY. B.A., Vanderbilt, 57; M.D. Hopkins, 61. Intern med, Johns Hopkins Hosp., 61-62; asst. res. PSYCHIAT., Strong Mem. Hosp., 62-63, assoc. res., 63-64, chief res., 64-65; instr., Pittsburgh, 65-66; ASST. PROF., SCH. MED., VIRGINIA, 68- U.S. Pub. Health Serv. fel. psychiat., Strong Mem. Hosp., 62-65; instr. Rochester, 64-65. Dipl. Am. Bd. Psychiat. & Neurol., 68. Med. C. U.S.A. 66-68. AAAS; Psychol. Asn; Am. Med. Asn; Psychosoc. Soc. Publ: Co-auth. The effects of aggregation, electric shock and adrenergic blocking drugs on inhibition of the writhing syndrome, J. Pharmacol. & Exp. Therapeut., 139: 107-109 & Disulfiram (antabuse) psychosis, Am. J. Psychiat., 123: 1284-1289; auth. Sleep paralysis and hypnagogic hallucinations, their relationship to the nightmare, Arch. Gen. Psychiat., 17: 89-96. Address: Dept. of Psychiatry, University of Virginia School of Medicine, Charlottesville, Va. 22901.
- LIEBENOW, PROF. J GUS, b. Berwyn, Ill. May 4, 25; m. 4 & 4. POLITICAL SCIENCE. B.A., Illinois, Urbana, 49; univ. fel., M.A.; Co. Ozias Goodwin fel., Harvard, 51-52; fel. & Ph.D. (polit. sci.), Northwestern, 55. Proj. vol. UNESCO, Am. Friends Serv. Cmt. Mex. Dep. Ed. Nyarui, Mex. 50-51; teaching assoc. polit. sci., Northwestern, 52-53; Ford Found. fel. African studies, 54-56; asst. prof. POLIT. SCI., Texas, Austin, 56-58; INDIANA, BLOOMINGTON, 58-61, assoc. prof. 61-64, PROF. 64-, ASSOC. DEAN RES. & ADV. STUDIES & INT. PROGS., 70- Soc. Sci. Res. Coun. faculty fel. & African Studies fel. 80-61; Ford fel., Indiana Univ., 67. Consult. Peace Corps, For. Serv. Inst., For. Area Fel. Prog. & Dept. Health, Ed. & Welfare. Mem. exec. bd. Midwest Conf. Polit. Scientists, 61-64. Med. C. U.S.A. 43-46. Fel. African Studies Asn; Polit. Sci. Asn. African studies; African political systems, concentrating on micropolitics, social stratification, urbanization and development. Publ: Liberia: the evolution of privilege, Cornell, 69; Colonial rule and political development: Makonde of Tanzania, Northwestern Univ. & E.African Pub. 70; co-auth. Sukuma, In: East African chiefs, Faber & Faber, 60. Address: Dept. of Political Science, Indiana University, Bloomington, Ind. 47401.
- LIEBERMAN, DR. JAY BEN (JAMES). Political Science, Mass Communication. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New information: Ypres Hill & Knowlton, Inc., 69-; ed. Opinion Today, Hill & Knowlton, 69. Address: 7 Stony Run, New Rochelle, N.Y. 10604.

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- LIEBERT, DR. ROBERT M(ANDEL). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Sr. invest., 69-, Fels Research Institute, Yellow Springs, Ohio 45387.
- LIEBESNY, DR. HERBERT J(OSEPH). Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig., & Law.
- LIEDHOLM, DR. CARL E., b. Long Beach, Calif., July 22, 40; m. 63; c. 1. ECONOMICS. B.A., Pomona Col., 61; fel. Michigan, 64-65, Ph.D.(econ), 65. Adv. econ. develop. inst., Univ. Nigeria, 65-67, acting dir. inst. 66-67; asst. prof. ECON, MICH. STATE, 67-69, ASSOC. PROF., & CHMN. DEPT., 69- Econ. Asst.; African Studies Asst. Economic development problems of tropical Africa. Publ: Co-auth. Growth and development of the Nigerian economy, MICH. STATE UNIV., 70 & auth. An analysis of comparative advantage in the Indian iron and steel industry, Bur. Bus. & Econ. Res., 70; Production functions for eastern Nigerian industry, Nigerian J. Econ. & Soc. Studies, 66. Address: Dept. of Economics, 101 Marshall Hall, Michigan State University, East Lansing, Mich. 48823.
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- LIEW, DR. CHONG KIEW, b. Korea, Feb. 9, 38; m. 65; c. 2. ECONOMICS, ECONOMETRICS. B.S. California, Berkeley, 62, Ford Found. fel. 67-68, Ph.D.(econ), 68. ASST. res. economist, econ. growth prof., California, Berkeley, 68-69; ASST. PROF. ECON, OKLAHOMA, 69- Econ. Asst. Aggregate econometric model, optimal lending decision under uncertainty, economic growth problems. Address: Dept. of Economics, University of Oklahoma, Norman, Okla. 73069.
- LIFSHTITZ, DR. KENNETH, b. New York, N.Y., Aug. 16, 30; m. 52; c. 3. PSYCHIATRY, PSYCHOBIOLOGY. A.B., Syracuse, 51; M.D., State Univ. N.Y., 55. Intern. Albee Einstein, 55-56; sr. psychiatrist, ROCKLAND STATE HOSP., 58-61, CHIEF INVEST. PSYCHOBIOLOGICAL RES. CENTER, 61- U.S.A.F., 56-58, CAPT. AAAS; fel. Psychiat. Asst.; Am. Med. Asst.; Geront. Soc.; Soc. Psychophysiol. Res.; Soc. Biol. Psychiat.; Electroencephalog. Soc.; N.Y. Acad. Sci. Clinical psychiatry: brain function as indicated by electrical activity, particularly in relation to schizophrenia; gerontology and cerebral blood flow; cranial electrical impedance; hypnosis and emotional states; psychopharmacology. Publ: Co-auth. The polygraphic recording of a repeated hypnotic abreaction with comments on abreactive psychotherapy, J. Nervous & Ment. Disease, 3/60; auth. An examination of evoked potentials as indicators of information processing in normal and schizophrenic subjects. In: Current problems in the study of average evoked potentials, Sci. & Tech. Info. Div. NASA, 68; co-auth. Psychopharmacology in geriatrics. In: Principles of psychopharmacology, Acad. Press, 70. Address: Research Center, Rockland State Hospital, Orangeburg, N.Y. 10923.
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- LILLARD, DR. WILLIAM CLAIR, b. Pawhuska, Okla., Sept. 15, 22; m. 50; c. 5. ECONOMICS. B.A., Sacramento State Col., 64; Ph.D.(econ), Texas, Austin, 69. Cattle buyer, Livestock Buying Co., Inc., 47-49; rep. animal feed dept., Swift & Co., 49-57; pres. & gen. mgr., Pac. Farm Supply, Inc., 57-59; teaching asst. econ. Texas & res. asst. center for econ. develop., 65-67; ASSOC. PROF. ECON, CENT. WASH. STATE COL., 68-, DIR. INST. LATIN AM. AFFAIRS, 69- U.S.A., 42-45. Econ. Asst. Economic development of Central America and Soc. America, primarily those with an agricultural base. Address: Dept. of Economics, Central Washington State College, Ellensburg, Wash. 98926.
- LILLY, DR. ROY SHERMAN, b. Rockford, Ill., Nov. 30, 40; m. 61; c. 1. PSYCHOLOGY. B.A., Illinois, 62; Ed. Testing Serv. fel., Princeton, 62-65, Ph.D. (psychol), 65. Asst. prof. PSYCHOL., KENT STATE, 65-69, ASSOC. PROF., 69- AAAS; Psychol. Asst.; Psychomet. Soc. Psychometrics. Publ: The qualification of evaluative adjectives by frequency adverbs, 7: 333-336, Multiplying values of intensive, probabilistic and frequency adverbs when combined with potency adjectives, 7: 854-858 & Adverbial qualification of adjectives connoting activity, 8: 1043-1045, J. Verbal Learning & Verbal Behav. Address: Dept. of Psychology, Kent State University, Kent, Ohio 44240.
- LIM, DR. RAMON (KHE SIONG). Neurochemistry. See Suppl. V & VI to 11th ed, Phys. & Biol. Vols.
- LIN, DR. CHI-YUAN, b. Keelung, Taiwan, Sept. 21, 35; m. 61. STATISTICS, MANAGEMENT SCIENCE. B.A., Nat. Taiwan Univ., 58; M.S., Mass. Inst. Tech., 66, univ. & Ford Found. fels. & Ph.D.(mgt), 68. Teaching asst. inst. dnt. mgt., Nat. Taiwan Univ., 60-63; asst. mgt. & statist. Mass. Inst. Tech., 63-65; ASST. PROF. QUANT. BUS. ANAL., SOUTHERN CALIFORNIA, 68- Chinese Air Force, 58-60. Statist. Asst.; Inst. Math. Statist.; Biomet. Soc. Classical and Bayesian statistics applied to business and industrial problems. Publ: Co-auth. Four procedures for testing linear hypotheses, Indust. Mgt. Rev., fall 68 & On the selling price and buying price of a lottery, Am. Statistician, 12/69. Address: Dept. of Quantitative Business Analysis, University of Southern California Graduate School of Business Administration, Los Angeles, Calif. 90007.
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- LINDE, ERNST, b. Germany, June 29, 11; U.S. citizen; m. c. 3. ECONOMICS. Certs. Law & Econ., Univ. Freiburg, Munich, Frankfurt & Berlin, 29-33; Cornell, 43-44. Chief examiner, Denatification Rev. Bd., U.S. Zone of Germany, 45-46; branch chief, Regional Gov. Coord. Bd., 46-47; U.S. Zone, bipartite control of U.S. Off. Military Gov. for Germany, 47-49; polit.-govt. officer, U.S. High Cmn. for Germany, 49-51, deputy div. chief, civic & legis. activities, 51-52, cultural officer, 52; prog. officer, int. cultural rels. Govt. Affairs Inst., 53-62; res. officer, U.S. Agency Int. Develop., 62-68; HEALTH SCIENTIST & ADMINISTR., NAT. AIR POLLUTION CONTROL ADMIN., U.S. DEPT. HEALTH, ED. & WELFARE, 68- Participant, For. Leader & Specialist Prog. Fed. Repub. Germany, summer 61. Exec. secy. nat. air qual. criteria adv. cmt. nat. air pollution control admin., environ. health serv., U.S. Dept. Health, Ed. & Welfare, 68. U.S.A., 41-45, Sgt. Bronze Star Medal. AAAS; Polit. Sci. Asn.; Acad. Polit. & Soc. Sci.; Soc. Pub. Admin.; Soc. Int. Develop. Public administration; international relations; social and cultural change; research administration; environmental pollution. Address: 8604 Bradmoor Dr., Bethesda, Md. 20834.
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- LINDER, DR. FORREST E(DWARD). Statistics, Demography. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New information: Mem. cmpt. pop. res. policy, Nat. Inst. Child Health & Human Development, 68-71; chmn. U.S. Nat. Comm. Health & Vital Statist, 68-72. Address: Dept. of Biostatistics, School of Public Health, University of North Carolina, Chapel Hill, N.C. 27514.
- LINDGREN, DR. J(OHN) RALPH. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- LINDGREN, DR. JON G, b. Lake City, Iowa, Sept. 18, 38; m. 63; c. 2. **POPULATION ECONOMICS**. B.S., Iowa State, 60; Puerto Rico, 60-61; M.A., Missouri, 62, Ph.D.(econ), 67. **ASST. PROF. ECON. & CHMN. DEPT. N.DAK. STATE**, 67. Monetary theory; economic anthropology. Address: Dept. of Economics, North Dakota State University, State University Station, Fargo, N.Dak. 58102.
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- LINDMARK, RONALD DORANCE. Forest Economics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- LINDNER, DR. WILLIAM A, b. New York, N.Y., Oct. 1, 39; m. 64; c. 1. **SENSORY PSYCHOLOGY**. A.B. Columbia, 61; Ph.D.(psychol.), Indiana, 66. **ASST. PROF. PSYCHOL.** CALIF. STATE COL. FULLERTON, 66- **AAAS; Acoustical Soc. Am.** Psychoacoustics; decision theory. Publ: Co-auth. Laterization of sounds at the unstimulated ear opposite a noise-adapted ear. *Science*, 147: 63-65; auth. Recognition performance as a function of detection criterion in a simultaneous detection-recognition task, **J. Acoustical Soc. Am.** 44: 201-211; co-auth. Masking level differences as a function of the psychometric function, **Perception & Psychophysics** 6: 209-215. Address: Dept. of Psychology, California State College at Fullerton, 800 N. State College Blvd, Fullerton, Calif. 92631.
- LINDON, DR. JOHN A(RNOLD). Psychiatry, Psychoanalysis. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Correction: Supr. & training analysis, Southern California Psychiatry Psychoanal. Inst, 56- Address: Linde Medical Plaza, 10921 Wilshire Blvd, Los Angeles, Calif. 90024.
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- LINDSEY, DR. QUENTIN W(ILLIAM). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Mgr. pop. planning & statist. group, 69-. Statistics Research Division, Research Triangle Institute, P.O. Box 12194, Research Triangle Park, N.C. 27709.
- LINGREN, DR. HERBERT G, b. Boxholm, Iowa, Nov. 18, 32; m. 58; c. 4. **SOCIOLOGY**. B.S., Iowa State, 57, M.S., 64, Ph.D.(sociol), 67. Teacher, high sch., Iowa, 57-59; asst. co-educ. dir., Greene County Exten. Ed., 59-62; res. assoc. **SOCIOL.** Iowa State, 62-66, Instr. 66-67, **ASST. PROF.** IDAHO STATE, 67- Asst. dir. Inst. Govt. & Soc. Res., 69- U.S.A., 52-54, Sgt. **Sociol. Assn; Rural Sociol. Soc.** Community development and social action institutes; community power structure analysis; collective behavior and social movements analysis. Publ: Co-auth. Behavior studies related to pesticides, Iowa State Univ, 67; auth. Perception changes of farm emigrants before and after migration, **Rural Sociol.** 6/69; Inter-system conflict: the state and the old order Amish, *Rocky Mt. Soc. Sci. J.*, 10/70. Address: Dept. of Sociology, Idaho State University, Pocatello, Idaho 83201.
- LINGERER, DR. C(HARLES) A(NDREW), JR. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Regional dir. for Latin Am., 69-, Population Council, 245 Park Ave, New York, N.Y. 10017.
- LINK, DR. MAE M(ILLS). History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- LINNENBERG, DR. CLEM C(HARLES), JR. Economics, Government. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Independent consultant. econ. & statist., 69- Address: 3812 Benton St. N.W., Washington, D.C. 20007.
- LINSKY, DR. ARNOLD S, b. Ashland, Mass., July 8, 32; m. c. 2. **SOCIOLOGY**. A.B. Dartmouth Col, 54; M.A., Washington (Seattle), 63, Ph.D.(sociol), 66, Res. asst. **SOCIOL.** dept. psychiat. med. sch., Washington (Seattle), 59-60, res. assoc., 60-66; **ASST. PROF. NEW HAMPSHIRE**, 66-, **CHMN. DEPT.** 69- **Sci. Adv. Cmn. res. grant**, Licensed Beverage Inst. Inc., 68-69. Consult., Wash. State Dep. Health, 61-66, U.S.A., 56-58. **Sociol. Soc. Pop. Assn. Am.** Medical sociology; deviant behavior and social control; population. Publ: Some generalizations concerning primate cities, *Ann. Am. Assn. Geogr.*, 65, A. factorial experiment in inducing mailback returns, *Sociol. & Soc. Res.*, 65 & Community structure and depression, *Soc. Probs.*, summer 69. Address: Dept. of Sociology & Anthropology, University of New Hampshire, Durham, N.H. 03824.
- LINSLEY, DR. HARLAN LEIGH. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-, Dept. of Psychology, Wisconsin State University, Oshkosh, Wis. 54902.
- LINTON, DR. PATRICK H. Psychiatry. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn. dept. psychiat. & psychiatrist-in-chief psychiat. serv. Dept. of Psychiatry, Medical College of Alabama, 1700 Seventh Ave, Birmingham, Ala. 35203.
- LINVILL, PROF. WILLIAM K(IRBY). Engineering. See 11th ed, Phys. & Biol. Vols.
- LINVILLE, DR. FRANCIS A(RON). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Retired. Address: 1311 Lynbrook Dr, Arlington, Va. 22201.
- LINZ, DR. JUAN J, b. Bonn, Germany, Dec. 24, 26; m. 68. **SOCIOLOGY**. Lic. en Cien. Pol, Madrid, 47, Lic. en derecho, 48; **Soc. Sci. Res. Coun.** grant, Columbia, 58, Ph.D.(sociol), 59. Tech. secp., Inst. Polit. Studies, Madrid, Spain, 48-50; lectr. social, California, Berkeley, 56-57; **Columbia**, 59; prof. Sch. Indust. Orgn. Madrid, 59-60; asst. prof. Columbia, 61-65, assoc. prof., 65-68; **PROF. SOCIOL. & POLIT. SCI.** YALE, 68- Prof. Univ. Madrid, 60; Gugenheim Mem. Found. fel. center adv. study behav. sci., Stanford, 63-64, vis. assoc. prof. hist., 66; **Soc. Sci. Res. Coun.** Joint Cmt. Latin Am. Studies collab. grant, 70. Consult. **Orgn. Econ. Coop. & Develop.** Dept. Tech. Coop. Serv. & Spanish Govt, 67. Mem. comp. polit. cmt. Int. Social. Assn. 61-; Conf. Govt. on German Polit. Soc. Pub. Admin.; Am. Sociol. Assn.; Am. Polit. Sci. Assn.; Spanish Hist. Assn.; Int. Socio. Assn.; Int. Polit. Sci. Assn. Political sociology, particularly comparative political systems, political parties, electoral behavior and public opinion; politics and social structure of modern Spain; comparative social institutions, particularly of Europe, elites and entrepreneurship; history of sociological theory. Publ: Cleavage and consensus in West German politics in the early fifties, In: *Party systems and voter alignments*, Free Press, 67; An authoritarian regime: Spain, In: *Cleavages, ideologies, and party systems*, Westmark Soc. Helsinki, 64 & in: *Mass politics: studies in political sociology*, Free Press, 70; From falange to movimiento-organizacion: the Spanish single party and the Franco regime, (1936-1968), In: *Authoritarian politics in modern society: the dynamics of established one-party systems*, Basic Bks, 70. Address: Dept. of Sociology, Yale University, New Haven, Conn. 06520.
- LION, DR. DONOR M(TCHELL). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Consul gen. Recife, Brazil, U.S. Dept. of State, 68- Address: American ConGen/Recife, APO New York 09876.
- LIPMAN, PROF. AARON. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., 69-, Dept. of Sociology & Anthropology, University of Miami, Coral Gables, Fla. 33124.
- LIPPITT, PROF. RONALD. Social Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Asst. prof. dir. Center for Research on the Utilization of Scientific Knowledge, University of Michigan, Ann Arbor, Mich. 48104.
- LIPPMAN, DR. LOUIS G. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-, Dept. of Psychology, Western Washington State College, Bellingham, Wash. 98225.
- LIPSCHUTZ, DR. LOUIS S(ANDERSON). Psychiatry, Psychoanalysis. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 2243 Golfview Dr, Troy, Mich. 48064.
- LIPSCHUTZ, MICHAEL DAVID. Computer Sciences. See 12th ed, Phys. & Biol. Vols.
- LIPSCOMB, DR. DAVID M. Audiology. See Suppl. V & VI to 11th ed, Phys. & Biol. Vols.
- LIPSITT, DR. DON RICHARD. Psychiatry, Psychoanalysis. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- LIPSKY, DR. DAVID B(RUCE). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 69-, N.Y. State School of Industrial & Labor Relations, Cornell University, Ives Hall, Ithaca, N.Y. 14850.
- LIPSKY, PROF. GEORGE ARTHUR, b. Seattle, Wash., Apr. 3, 12; dir. **POLITICAL SCIENCE, INTERNATIONAL POLITICS** A.B., Washington (Seattle), 38; Ph.D.(polit. sci.), California, 48. Instr. govt. & hist. U.S. Mil. Acad., 43-46; lectr. polit. sci., California, 46-48, asst. prof., 48-53; Carnegie res. fel.

- int. polit. Coun. For. Relis, 53-54; lect. polit. sci. & hist. Yale, 54-55; assoc. prof. comp. polit. American Univ, 55-61; sr. admin. asst. off. for. secy. Nat. Acad. Sci., Nat. Coun, 61-62. PROF. POLIT. SCI. WARASHI, 62-68. Sr. res. assoc. comp. polit. Washington by Human Relis. Area Files, American Univ, 55-58, FASP spec. opera. res. off, 58-61, team chmn. univ, 58-61; Ford travel grant, Pakistan, 65. U.S.A., 42-62, Capt. Polit. Sci. Asn. History of political thought; theory of international relations; political geography; Asian governments. Publ: John Quincy Adams, his theory and ideas, Crowell, 50; co-auth. Saudi Arabia: its people, its society, its culture & Ethiopia: its people, its society, its culture, Human Relis. Area Files, 59. Address: 1101 W. Pike St, Crawfordsville, Ind. 47933.
- LIPSKY, DR. MICHAEL, b. New York, N.Y., Apr. 13, 40; m; c. 2. POLITICAL SCIENCE. A. B. Oberlin Col, 61; M.P.A. & M.A. Princeton, 64, Ph.D.(polit), 67. Asst. prof. polit. sci. & staff assoc. inst. res. on poverty, Wisconsin, 67-69; ASSOC. PROF. POLIT. SCI., MASS. INST. TECH, 69- Staff assoc. Joint Center Urban Studies, Harvard & Mass. Inst. Tech, 69- Urban politics. Publ: Protest in city politics, Rand McNally, 70. Address: 42 Brington Rd, Brookline, Mass. 02146.
- LIPSON, PROF. LEON. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- LIPTON, DR. JAMES M(ATTHEW), b. Warren, Ark, Aug. 10, 38; m; c. 2. PSYCHOLOGICAL PSYCHOLOGY. M.A. Texas Christian, 62; Vet. Admin. trainee & Ph.D., Colorado, 64. U.S. Pub. Health Serv. fel. med. sch, Michigan, 64-66; ASST. PROF. PSYCHOL. MED. SCH. TEXAS, DALLAS, 66- U.S. Spec. res. fel. inst. Animal Physiol, Eng, 69- AAAS; Animal Behav. Soc; Psychol. Asn. Physiological and behavioral aspects of thermoregulation; bio-psychological relations in homeostatic regulations; neural control systems. Publ: Effects of preoptic lesions on heat-escape responding and colonic temperature in the rat, 3: 165-169 & Effects of desaturation on behavioral thermoregulation against heat, 4: 723-727. Physiol. & Behav; Effects of high fat diets on caloric intake, body weight and heat-escape responses in normal and hyperphagic rats, J. Comp. Physiol. Psychol, 8: 507-515. Address: Psychology Division, University of Texas Medical School at Dallas, Dallas, Tex. 75235.
- LIPTON, MILTON. Economics, Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Exec. v-pres, 66- W.J. Levy, Consultants Corp, 30 Rockefeller Plaza, New York, N.Y. 10020.
- LISKE, DR. RALPH (EDGAR). Clinical & Counseling Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1195 Fairchild Ave, Kent, Ohio 44240.
- LISS, PROF. SHELDON B. History, International Relations. See Suppl. 1 to 5th ed, Dir. Am. Scholars.
- LISSITZYN, PROF. OLIVER J(MAMES). International Law & Relations. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- LIST, DR. GEORGE H., b. Tucson, Ariz, Feb. 11, 11; m; 34; c. 1. ETHNOMUSICOLOGY, FOLKLORE. B.S. Columbia, 41, M.A., 45; Fund Adv. Ed. fel, Indiana, 52, Ph.D.(musicol), 54. Instr. music, Colo., 45-46; asst. prof. Miami (Ohio), 46-48, assoc. prof. 48-53; DIR. ARCH. TRADITIONAL MUSIC, INDIANA, BLOOMINGTON, 1/63- DIR. INTER-AM. PROG. ETHNOMUSICOL, 66- PROF. FOLKLORE, 69- assoc. prof. 65-69. Am. Philos. Soc. grant-in-aid, 63; Fulbright award, Colombia & prof. ethnomusicol, Nat. Univ. Colombia, 64-65. Soc. Ethnomusicol.(secy, 62-64); Folklore Soc; Musicol. Soc; Int. Folk Music Coun. Relations of text and melody in song; music of the Hopi Indians; Negro music in Colombia. Publ: The boundaries of speech and song, Ethnomusicology, 1/63; Acculturation and musical tradition, Int. Folk Music Coun. J, 64; Toward the indexing of ballad texts, J. Am. Folklore, 1-3/68. Address: Maxwell Hall 013, Indiana University, Bloomington, Ind. 47401.
- LISTER, PROF. JAMES LEON, b. Ingham, Ill, Feb. 16, 36; m; 56; c. 2. COUNSELOR EDUCATION. B.S. Eastern Illinois, 58, M.S., 59; Ed.D.(counseling), Illinois, 62. Teacher & prin. elem. sch, Ill, 56-57; res. assoc. counseling, Illinois, 61-62; asst. prof. COUNSR. ED, FLORIDA, 62-66; assoc. prof. 66-68, PROF. & CHMNM. DEPT. 68- Summers, vis. lectur, Eastern Illinois, 65; Northern Michigan, 67. Personnel & Guid. Asn; Ann. Counsr. Ed. & Supv. (ed, Counsr. Ed. & Supv, 68-71); Psychol. Asn. Use of tests in counseling; counselor characteristics; counselor supervision. Publ: Co-auth, Selection, preparation and professionalization of specialists, Rev. Ed. Res, 4/63; auth, The counselor's personal theory, Counsr. Ed. & Supv, summer 64 & Teaching expertise for counselors?, B. Nat. Asn. Sec. Sch. Prin, 10/69. Address: 100 Norman Hall, Dept. of Counselor Education, University of Florida, Gainesville, Fla. 32601.
- LISTON, THOMAS CORWIN. Geology, Paleontology. See Suppl. V & VI to 11th ed, Phys. & Biol. Vols.
- LITMAN, DR. THEODOR J., b. Duluth, Minn, Aug. 7, 32; m; c. 2. SOCIOLOGY. B.A. Minnesota, 54, M.A., 56, U.S. Pub. Health Serv. fel, 59-60, Ph.D.(sociol), 61. ASSOC. PROF. HEALTH CARE ADMIN. & MED. SOCIOLOGY, MINNESOTA, MINNEAPOLIS, 61- U.S. Pub. Health Serv. grants, health care & the family, 66-69 & sharing hosp. serv. demonstration proj, 67-70; participant, physician mobility study, Northlands Regional Med. Proj, 69-70; co-chmn. regional conf. ed. & licensure, Nursing Home Admin, 70- U.S.A.R, 56-64, Capt. Social Asn; Pub. Health Asn. Sociology of medicine and medical institutions; group practice; sharing of hospital services; medical manpower; health technology. Publ: The first 100 physical rehabilitation, J. Chronic Diseases, 68; co-auth, Health care & the family, Med. Care, 70; auth, Physical rehabilitation, a social psychological approach, In: Patients physician and illness, Free Press (in press). Address: Dept. of Sociology, University of Minnesota, 1260 Mayo, Minneapolis, Minn. 55455.
- LITTERER, PROF. JOSEPH AUGUST. Management Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. 69-, Dept. of Management, University of Massachusetts, Amherst, Mass. 01002.
- LITTLE, DR. CHARLES HARVEY, b. Rocky Mount, N.C., Aug. 17, 38. STATISTICS, AGRICULTURAL ECONOMICS. B.S. N.C. State, 61; M.A. & Ph.D. (agr. econ), California, Berkeley, 65. ASST. PROF. agr. econ, Okla. State, 65-68; STATIST. N.C. STATE, 68- Agr. Econ. Asn; Economet. Soc; Statist. Asn. Regional economic development, including several input-output studies. Address: Dept. of Experimental Statistics, North Carolina State University School of Physical Sciences & Applied Mathematics, Box 5457, Raleigh, N.C. 27607.
- LITTLE, DR. MICHAEL A. b. Abington, Pa. Mar. 24, 37; m; 65. PHYSICAL ANTHROPOLOGY, HUMAN BIOLOGY. B.A. Pa. State, 62, M.A., 65; Wenner-Gren Found. grant-in-aid, 66, U.S. Pub. Health serv. fel, 66-67, Ph.D.(anthrop), 68. Res. asst. Andean biocultural studies in Peru, Pa. State, 64-65; ASST. PROF. ANTHROP, OHIO STATE, 67- Summers, faculty res. grant, Ohio State, 68; NASA faculty fel. environ. physiol, manned spacecraft center, Houston, 69. AAAS; Asn. Phys. Anthropol. Bone density; theoretical perspectives of human ecology; cultural and biological adaptations to environmental stress; circadian rhythms. Publ: Co-auth, Bone density changes with age: altitude, sex, and race factors in Peruvians, 37: 122-36 & auth, Temperature regulation at high altitude: Quechua Indians and U.S. whites... (in press), Human Biol; Foot temperature responses to a moderate cold stress in highland Peruvian males, Am. J. Phys. Anthropol, 27: 248. Address: Dept. of Anthropology, Ohio State University College of Social and Behavioral Sciences, Columbus, Ohio 43210.
- LIU, DR. ALAN PING-LIN. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof, 69-, Dept. of Political Science, University of California, Santa Barbara, Calif. 93106.
- LIU, DR. HSIEN-TUNG, b. Canton, China, Feb. 17, 35; m; 64. POLITICAL SCIENCE. B.A. Taiwan, 58; M.A. Chico State Col, 62; Ph.D.(int. rels), Claremont Grad. Sch, 67. ASST. PROF. POLIT. SCI., Chico State Col, 65-67. POINT POLIT. SCI. Asst. Prof. Asn. Soc. Asn. Studies. International relations; diplomatic history of China and Russia; comparative government. Publ: Border disputes between Imperial China and Tsarist Russia, Univ. Microfilms, 68. Address: 5863 Hobart St, Pittsburgh, Pa. 15217.
- LIU, DR. JUNGO-CHAO, b. China, Feb. 9, 29; m; 58; c. 3. ECONOMICS. B.A. Taiwan, 50; M.A. Washington (Seattle), 55; Ph.D.(econ), Michigan, 60. ASSOC. PROF. ECON, MCGILL, 66- Econ. Asn; Economet. Soc. Econometrics; mathematical economics; economic theory. Address: Dept. of Economics, McGill University, Montreal, Que. Can.
- LIU, PROF. SHIA-LING, b. Ninghsiang, China, May 23, 22; m; 57; c. 3. POLITICAL SCIENCE. B.A. Nat. Chengchi Univ, 45; M.A. Cincinnati, 49; N.Y. Univ, 49-51; fel. inst. Int. Relis, Taipei, China, 57-59; Ed.D.(polit. sci. ed), North Texas State, 63. Asst. Exec. Yuan, China, 45-46; judge, Yu Yao Dist. Court, Chung, China, 46-47; ed, Chinese J. New York, 51-56; assoc. prof. polit. sci. Nat. Chengchi Univ, 56-57; exec. secy, Ministry Ed, China, 57-59; PROF. POLIT. SCI., Jarvis Christian Col, 59-63; FAYETTEVILLE STATE, 63- Lectr. For. Lang. Sch. for Officers, Taipei, China, 57-59. Soc. Int. Law; Polit. Sci. Asn. United States government and constitutional law; international law and relations; Chinese history. Publ: History of western political theory, China Cult. Found, 58; International relations, Nat. War Col. China, 62; Politics and U.S. foreign policy, China Daily News, 69. Address: Dept. of Political Science, Fayetteville State University, Fayetteville, N.C. 28301.
- LIU, DR. YIH-WU, b. Peking, China, Jan. 20, 35; m; 66; c. 1. ECONOMICS. B.A. Taiwan, 57; M.B.A. City Col. New York, 63; Ph.D.(econ), Southern Illinois, 68. Lectr. ECON, Southern Illinois, 67-68. ASST. PROF. YOUNG TOWN STATE, 68- Nationalist Chinese Army, 57-59, 2nd Lt. Econ. Asn. Economic theory; monetary and fiscal policy; mathematics and statistics. Publ: Economic effects of the retirement of federal interest bearing debt, 1919-1929, Am. Economist, spring 70. Address: Dept. of Economics, Youngstown State University, Youngstown, Ohio 44503.
- LIVERGOOD, DR. NORMAN DAVID. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- LIVERMORE, PROF. SHAW. Economics, Business Administration. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. pub. admin. College of Business Administration, University of Arizona, Tucson, Ariz. 85710.
- LIVESAY, VERA T(HOMAS). Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 10500 Rockville Pike, Rockville, Md. 20852.
- LIVINGSTON, PROF. WILLIAM S(AMUEL). Government. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also v.chancellor acad. progs, 69-, University of Texas, Austin, Tex. 78712.
- LLOYD, DR. DEE (NORMAN), b. Salt Lake City, Utah, Feb. 9, 34; m; 60; c. 2. PSYCHOLOGY. B.A. Utah, 56, M.A., 58; Ph.D.(counseling psychol), Ohio State, 61. Teaching asst, dept. psychol, Ohio State, 58-60; assoc. proj. dir, community proj. sec, MENT. HEALTH STUDY CENTER, NAT. INST. MENT. HEALTH, 64-65, PROJ. DIR. PERSONAL & SOC. ORGN, 65. Psychol. trainee, Vet. Admin. Hosp., Salt Lake City, Utah, 57-58 & Chillicothe, Ohio, 58-61; part-time asst. prof. dept. psychiat, Maryland, 68- U.S.A.F, 61-64, 1st Lt. Psychol. Asn. Cognitive processes; language development; research methodology; chronic schizophrenia; educational psychology. Publ: Co-auth, Sensory changes with phenothiazine medication in schizophrenic patients, J. Nervous & Ment. Dis, 64; auth, Overinclusive thinking and delusions in schizophrenic patients: a critique, J. Abnorm. Psychol, 67 & Antecedent relationships to high school dropout or graduation, Education, 68. Address: Mental Health Study Center, 2340 University Blvd. E, Adelphi, Md. 20783.
- LLOYD, DR. KENT M., b. Grace, Idaho, Mar. 5, 31; m; 54; c. 4. POLITICAL SCIENCE. B.S. Brigham Young, 55; Danford fel, Wayne State, 55-61, M.P.A., 57; Ford Found. grant, Stanford, 59-61, Ph.D.(polit. sci), 63. Res. assoc.



- Wash. State Res. Coun. 56-57; asst. prof. pub. admin. Southern California, 61-65; res. assoc. 65-66; dir. center res. pub. orgn. 63; vis. asst. prof. polit. sci. Hawaii, 67; PRES, PEDR URBAN ASSCS, 68- Consult, Governor's Cmn. Los Angeles Riot, 65. Co-dir. planned community development through exec. leadership seminars, U.S. Off. Ed. 65-66; PEDR urban exec. leadership prof. Carnegie Found. 68. Polit. Sci. Assn; Soc. Pub. Admin; Soc. Psychol. Study Social Issues. Organization theory and behavior; executive development; race and intergroup relations; urban affairs. Publ: Co-auth. The church executive, Bookcraft, 67 & Planned community development through executive leadership seminars, Univ. Southern California, 67; auth. An end or a beginning: urban race riots versus effective anti-discrimination agencies, Pub. Admin, spring 67. Address: PEDR Urban Associates, Suite 303, 3311 W. Manchester, Inglewood, Calif. 90305.
- LOYD, DR. SUSANNE P(OCH). Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also assoc. coordinator, 69-, Experimental Education Program, Washington State University, 138 Old Education Bldg, Pullman, Wash. 99163.
- LOYD-JONES, PROF. ESTHER McDONALD. Psychology, Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Vis. prof. human behavior, U.S. Int. Univ. 69-70. Address: 430 W. 116th St, New York, N.Y. 10027.
- LOCKARREFF, PROF. MICHAEL A. b. Cuenca, Ecuador, June 25, 38; U.S. citizen. LAW & INTERNATIONAL MANAGEMENT. B.A., Southern California, 60; LL.B., Geneva, 63; M.B.A., California, Los Angeles, 65, Ph.D. (int. mgmt), 69. Prof. law & mgmt. Law, State, 65-67; acct. & finance, Loyola, 67-68; PROF. LAW & MGT, CALIF. STATE COL. FULLERTON, 68- Consult, Coun. Europe, 69. Mem. int. dir. Techeur Inc. 67-7. Tech. Found. 68. Acad. Mgt. International corporate management dealing with technology transfers, joint ventures, licensing, taxation, patentency and trademarks; international business law, trade and diplomacy. Address: 1954 Dracena Dr, Hollywood, Calif. 90027.
- LOCKE, DR. BILL J. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, Dept. of Psychology, Texas Tech University, Lubbock, Tex. 79406.
- LOCKLING, PROF. BRUCE, b. Bisbee, Ariz, June 5, 05; m. 44. ECONOMICS. A.B., California, Los Angeles, 29; A.M., California, Berkeley, 29; Ph.D. (econ), Illinois, 33. Instr. econ. State Col. Wash. 29-30; soc. sci. Armour Inst. Tech, 33-35; econ, Illinois, 35-37; assoc. 37-39; asst. prof. Washington (Seattle), 39-41; for. serv. officer, U.S. Dept. State, 41-65; vis. prof. ECON, Arizona, 65-67; PROF, NORTHERN ARIZONA, 67- Meritorious honor award, U.S. Dept. State, 65. Econ. Assn. Economic systems; economic development. Address: Dept. of Economics, Box 5736, Northern Arizona University, Flagstaff, Ariz. 86001.
- LOCKNER, DR. F(REDRICK) RUSSELL. Zoology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- LOCKWOOD, DR. MAREN. Sociology. See CARDEN, DR. MAREN LOCKWOOD, this Suppl.
- LODATO, DR. FRANCIS JOSEPH. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. ed, Barry Col., 69- Address: 400 Kings Point Dr, North Miami Beach, Fla. 33160.
- LOEB, DR. ARMIN. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1941 Waverly St, Philadelphia, Pa. 19146.
- LOEB, DR. FELIX (AUST), JR. Psychiatry. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also acting dir. dept. psychiatrist, sch. med. Pittsburgh, 69- Address: 3611 O'Hara St, Pittsburgh, Pa. 15213.
- LOEB, DR. MICHEL. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Psychology, University of Louisville, Louisville, Ky. 40208.
- LOEBNER, DR. EGON E(ZRIEL). Solid State Physics. See 11th ed, Phys. & Biol. Vols.
- LOESCHER, DR. FRANK S(AMUEL). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Independent consult. race & ethnic rels. 70- Address: 414 S. 46th St, Philadelphia, Pa. 19143.
- LOEWENBERG, PROF. GERHARD. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. 70-71, Dept. of Political Science, University of Iowa, Iowa City, Iowa 52240.
- LOEWENBERG, DR. J(ORN) JOSEPH. Labor Relations, Business Management. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-, Dept. of Management, Temple University School of Business Administration, Philadelphia, Pa. 19122.
- LOEWENSTEIN, DR. LOUIS KLEE, b. Pittsburgh, Pa. June 22, 27; m. 61; c. 2. City PLANNING. B.S., Virginia, 49; M.S., Columbia, 57; M.C.P., Pennsylvania, 59, Ph.D. (city planning), 62. Instr. city planning, Pennsylvania, 61-62; economist, Pa-Jersey Transportation Study, 62-63; sr. staff mem. city planning, Arthur D. Little Inc. 63-67; res. economist, California, Berkeley, 67-68; ACTING DIR. URBAN STUDIES PROG, SAN FRANCISCO STATE COL. 69- Urban spatial structure and industrial development. Publ: The location of residences and work places, Scaerow, 65; Urban studies: an introductory reader, Free Press, 70; The location of urban land uses, Land Econ, 63. Address: 3858 Jackson St, San Francisco, Calif. 94118.
- LOEWER, DR. ROBERT A(LLEN) b. Buffalo, N.Y. Aug. 13, 26; m. 65; c. 2. MARKETING. B.S., Buffalo, 50, Ed.M., 55; U.S. Steel Found. fela, Stanford, 59-61, Ph.D. (bus.), 65. Asst. buyer, Adam, Meldrum & Anderson Co. Inc., 50-53; asst. prof. MKT, State Univ. N.Y. Agr. & Tech. Inst. Alfred, 54-58;
- SAN JOSE STATE COL. 61-66, ASSOC. PROF. 66- U.S.N. 45-46. Mkt. Assn. Marketing communications and environment; consumer behavior. Publ: Challenge of change, Calif. Bus. Ed. J. 5/69. Address: School of Business, San Jose State College, 125 S. Seventh St, San Jose, Calif. 95114.
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- LOFGREN, DR. CHARLES A(UGUSTIN). United States Recent & Diplomatic History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- LOFLAND, DR. JOHN FRANKLIN. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 70-, Dept. of Sociology, University of California, Davis, Calif. 95616.
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- LOGAN, DR. JAMES P(HILLIPS). Industrial Economics, Business Management. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-, College of Business & Public Administration, University of Arizona, Tucson, Ariz. 85721.
- LOGAN, PROF. LILLIAN STERN, b. Sykeston, N.Dak, Dec. 14, 09; m. 46. POLITICAL SCIENCE. B.S., Eastern Michigan, 39; M.Ed., Wisconsin, 50, Ph.D. (ed. music), 53. Teacher hist. of ed, Findlay Col., 62-65; assoc. prof. SOC. STUDIES, BRANDON, 65-69, PROF. 70- Summer vis. prof., Alberta, 62 & 64, Victoria, 65, 66 & 67. Mem. U.S. Nat. Cmt. Childhood Ed. 50-68; Kindergarten Ed. Cmt. Assn. Childhood Ed. Int. 60-61; Can. Nat. Cmt. Childhood Ed. & Guid. & Curriculum Cmn. of Students for Democratic Action, 69. AAAS. Social studies; language arts; curriculum; musicology. Publ: Teaching the young child, Houghton, 60; co-auth. Language arts—a dynamic approach, 67 & Social studies: a creative direction, 69, McGraw. Address: Dept. of Psychology, Brandon University, Brandon, Man, Can.
- LOGAN, PROF. MALCOLM IAN, b. Inverell, Australia, June 3, 31; m. 54; c. 1. GEOGRAPHY. B.A., Univ. New England, Australia, 52; Ph.D. (geog.), Sydney, 65. Sr. lectr. GEOG, Sydney, 59-65; assoc. prof. WISCONSIN, MADISON, 66-69, PROF. 69- Vis. prof., Jadavpur, 68-70. Assn. Assoc. Regional Sci. Assn. Industrial and urban geography; regional planning in developing countries. Publ: Co-auth. New viewpoints in economic geography, Martindale, 67; co-ed. Studies in Australian geography, Heinemann, 68. Address: Dept. of Geography, University of Wisconsin, Madison, Wis. 53706.
- LOGAN, DR. SAMUEL H. b. Salina, Kans, Oct. 23, 34; m. 56; c. 2. AGRICULTURAL ECONOMICS. B.S., Kansas State, 56, M.S. 59; Ph.D. (agr. econ), California, 62. Staff reporter, Wall St. J., Dallas, Tex. 56-58; asst. prof. agr. econ, California, Davis, 62-66; economist, Wilson & Co. Inc, Ill, 66-67; ASSOC. PROF. AGR. ECON, CALIFORNIA, DAVIS, 67- Staff economist, Nat. Cmn. Food Mkt. 65-66. Agr. Econ. Assn. Livestock marketing; analyses of firm efficiency; statistical decision theory. Publ: Co-auth. Size and location factors affecting California's beef slaughtering plants, Hilgardia, Univ. Calif. 12/64 & Beef cattle feeding and slaughtering in California, Univ. Calif. Agr. Exp. Sta. Bull. 8/66; auth. A conceptual framework for analyzing economies of vertical integration, Am. J. Agr. Econ, 11/69. Address: 1200 Harvard Dr, Davis, Calif. 95616.
- LOGAN, PROF. V(IRGIL) G(LENN). Speech. See Suppl. I to 5th ed, Dir. Am. Scholars.
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- LOISKANDL, DR. HELMUT H. b. Vienna, Austria, Feb. 3, 34. SOCIOLOGY. M.A., St. Gabriel Univ. Philos. \*, Theol, Vienna, 60; Ph.D. (sociol.), Munich, 67. Asst. sociol, Munich, 65-67; docent sociol. & comp. relig. St. Gabriel Univ. Philos. & Theol, Vienna, 67-68; ASST. PROF. SOCIOL, DePaul, 68- Comparative religion; sociological theory; sociology of religion; anthropology. Publ: Das ethnologische werk Damian Kreichgauer's, Festschrift Schebesta, 63; Edle wild, heiden und barbaren, St. Gabriel Verlag, 67; co-auth. chaps. In: Ursprung der religion, Morus, Berlin, 60. Address: Dept. of Sociology, DePaul University Graduate School, Chicago, Ill. 60604.
- LONDON, PROF. KURT L. Political Science, International Relations. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1445 Oakview Dr, McLean, Va. 22101.
- LONG, DR. CHARLES RICHARD, b. Ft. Smith, Ark, Aug. 29, 40; m. 63; c. 2. ECONOMICS, REGIONAL SCIENCE. B.A., Southern Methodist, 61; Ford Found. fel. & Ph.D. (econ), Vanderbilt, 68. Indust. economist, Atlanta Fed. Reserve Bank, Ga. 65-68; ASST. PROF. ECON, GA. STATE, 68- Consult, Off. Comprehensive Health Planning, Ga. Dept. Health, 69- Econ. Assn. Regional Sci. Assn. Economic fluctuations and economic forecasting; urban and regional economics; social accounting. Publ: Impact of defense spending of the district economy, 7/66 & Job growth: population centers vs. hinterland, 11/67, Atlanta Fed. Res. Bank Monthly Rev; Forecasting specific turning points, J. Am. Statist. Assn. 6/70. Address: Dept. of Economics, Georgia State University, Atlanta, Ga. 30303.
- LONG, DR. DURWARD. American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.

- LONG, DR. LOUIS. Psychology. See 11th ed, Soc. & Behav. Vols, deceased 68.
- LONG, DR. MILLARD F(ILLMORE). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Res. fel, 70-. Harvard Development Advisory Service, 1737 Cambridge St, Cambridge, Mass. 02138.
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- LOOS, DR. A. WILLIAM. Social Ethics, Religion. See Suppl. I to 5th ed, Dir. Am. Scholars.
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- LORIG, PROF. ARTHUR N(ICHOLAS). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. prof, Washington (Seattle), 68- Address: 10704 Durland Ave. N.E., Seattle, Wash. 98125.
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- LOTT, PROF. STANLEY GEORGE, b. Walnut Grove, Miss, Jan. 3, 36; m. 57; c. 3. SOCIOLOGY. A.B., La. Col. 57; B.D. New Orleans Baptist Theol. Sem, 61, Th.D. 68. PROF. SOCIOL, TIFT COL, 67- Dynamics of the family and social disorganization. Address: Dept. of Sociology, Tift College, Box F-28, Forsyth, Ga. 31029.
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- LOUCH, PROF. ALFRED. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- LOUCKS, PROF. ROGER B(ROWN). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. prof, 68-, Dept. of Psychology, University of Washington, Seattle, Wash. 98105.
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- LOURENCO, DR. RUY V(ALENTIM). Medicine, Physiology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- LOVE, DR. ROBERT F. b. Clinton, Ont, May 4, 34; m. 60; c. 3. MANAGEMENT SCIENCE, OPERATIONS RESEARCH. B.A.Sc., Toronto, 56; M.B.A. Western, Ontario, 60; Ph.D.(mgmt. sci), Stanford, 65. Res. & develop. engr. Anthes-Imp. Ltd, 56-59; asst. prof. mgmt. sci, California, Berkeley, 64-65. Western Ontario, 65-66. OPERS. RES., WISCONSIN, MADISON, 66-68. ASSOC. PROF, 68- Inst. Mgt. Sci; Opers. Res. Soc. Am. Can. Oper. Res. Soc. Inventory theory; facility location theory; queuing theory; integer programming. Publ: A two-station stochastic inventory model with exact methods of computing optimal policies, Vol. 14, No. 2 & Locating facilities in three-dimensional space by convex programming, Vol. 16, No. 4, Naval Res. Logistics Quart; Steady state solution of the queuing system Ew/M/S with bulk service, Opers. Res, Vol. 18, No. 1. Address: University of Wisconsin Graduate School of Business, Madison, Wis. 53706.
- LOVE, DR. THOMAS M. b. Wisconsin Rapids, Wis, Mar. 3, 39; m. 63; c. 3. ECONOMICS. B.S. Wis. State, Stevens Point, 62; M.S. Wisconsin, Madison, 65, Ph.D.(econ), 68. ASST. PROF. ECON, MASSACHUSETTS, 67- Lectr. South Col, 68-69. Res. Asn; Asn. Evolutionary Econ. Labor economics and industrial relations. Publ: MUNICIPAL EMPLOYMENT relations in Wisconsin: administration, Wis. Law Rev, summer 65 & Joint committees: their role in the development of teacher bargaining, Labor Law J, 3/69. Address: 59 Valley View Dr, Amherst, Mass. 01002.
- LOVEJOY, DR. GORDON W(ILLIAMS). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Sociology, Greensboro College, Greensboro, N.C. 27402.
- LOVELAND, DR. NATHANE, b. Tex, Jan. 4, 10; m. 34; c. 2. PSYCHOLOGY. B.S., Hopkins, 31; Ph.D., Michigan, 34. Clin. psychologist, Nat. Naval Med. Center, 49-53; clin. psychol. researcher, med. center, Georgetown, 54-56; Walter Reed Hosp, 56-60, supv. clin. psychologist, Walter Reed Army Inst. Res, 56-60; clin. psychologist, Childrens Hosp, D.C., 60-61; asst. prof. psychol, med. sch. & chief clin. psychologist, Childrens Clin, Puerto Rico, 60-63; head psychol. sect. adult psychiat. br, Nat. Inst. Ment. Health, 63-66, res. psychologist, 66-67; med. scientist, family psychiat. dept, East. Pa. Psychiat. Inst, 68-69; psychotherapist, Marriage & Family Inst, D.C. 69-70. CONSULT. FAMILY THERAPY, PSYCHIAT. INST, 70- Clin. psychologist, Montgomery County Alcoholic Clin, 55-56; private practice psychother, 70- Consult, U.S. Info. Agency, 59-61; Nat. Inst. Ment. Health, 60-61. Psychol. Asn. Clinical psychology; family therapy. Publ: Mental and emotional changes in epileptic patients on continuous anticonvulsant medication, Neurology; The family Rorschach, Family Process; The relation Rorschach, J. Nervous & Ment. Diseases. Address: 3118 Arizona Ave. N.W., Washington, D.C. 20016.
- LOVELL, DR. C. A. KNOX. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof, 68-, Dept. of Economics, University of North Carolina, Chapel Hill, N.C. 27514.
- LOVELL, PROF. MICHAEL CHRISTOPHER. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Economics, Wesleyan University, Middletown, Conn. 06457.
- LOVINGER, PROF. EDWARD. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 68-, University of Nevada at Las Vegas, Las Vegas, Nev. 89109.
- LOWE, DR. GEORGE DEANE, II, b. Columbus, Ga, May 26, 34; m. 59; c. 2. SOCIOLOGY. B.A., Georgia, 58; M.S. Pa. State, 61; Ph.D.(rural sociol), Cornell, 66. ASST. PROF. SOCIOL, GEORGIA, 64- Vis. asst. prof, Emory, 65; consult, Georgian Clin. Div, Ga. Ment. Health Inst, 67- Sig.C. U.S.A., 64-56. Sociol. Asn; Rural Sociol. Soc. Soc. Study Social Probs; Pub. Health Asn. Sociology of health and mental health; alcoholism. Publ: Co-sub, The diffusion of two preventive health practices, Inquiry, 6/68, Health care styles in rural and urban areas, Rural Sociol, 9/68 & Day hospital treatment of the alcoholic patient, Quart. J. Studies on Alcohol, 9/68. Address: Dept. of Sociology & Anthropology, University of Georgia, Athens, Ga. 30601.
- LOWE, DR. ROLAND C. b. Providence, R.I., Oct. 18, 31; m. 58; c. 2. PSYCHOLOGY. B.A., Massachusetts, Amherst, 57; Ph.D.(psychol), Clark, 62. Chief psychologist, Childrens Health Coun, Palo Alto, Calif, 64-68; CHMN. PSYCHOL. DEPT, SANTA CLARA, 69- Psychol. Asn. Developmental study of marriage; communication in engaged couples. Address: Dept. of Psychology, University of Santa Clara, Santa Clara, Calif. 95053.
- LOWENKOPF, DR. MARTIN, b. Perth Amboy, N.J., Mar. 16, 28; m. 57; c. 2. POLITICAL SCIENCE. B.S., Virginia, 49; New Sch. Soc. Res, 51-53; M.S., London, 61, Ph.D.(polit. sci), 69. Partner, Italian Rural Soc, 54-58; res. analyst A.S., U.S. Dept. State, 62-66; sr. res. fel. POLIT. SCI, Univ. Col., Dar es Salaam, 66-67; ASST. PROF., Stanford, 68-69; FRANKLIN & MARSHALL COL, 70- Political development in less developed nations and United States diplomatic relations with third world, especially Africa. Publ: Uganda, In: Islam in Africa, Van Nostrand, 69; A second look at Liberia,



- 10/66 & Meaning of Arusha, 3/67, Africa Report. Address: Dept. of Government, Franklin and Marshall College, Lancaster, Pa. 17604.
- LOWENKRON, DR. Z(ANE) BARRY, b. New York, N.Y., Nov. 28, 40; m. 66; c. 1. PSYCHOLOGY. B.A. California, Los Angeles, 62; U.S. Pub. Health Serv. fel., 62-63; M.A., 65; Nat. Sci. Found. summer fel., New Mexico, 67; Nat. Defense Ed. Act fel., 67-68; Ph.D. (psychol.), 68. ASST. PROF. PSYCHOL., MARQUETTE, 68- Human learning, especially conceptual learning and utilization. Publ: Co-auth, incentive magnitude, task orientation and persistence, Child Development, 64 & Yoked group comparison of selection and reception paradigms, Psychol. Reports, 68; auth, Nonoutcome trial behavior: a predictor of solution shift behavior, J. Exp. Psychol., 10/69. Address: Dept. of Psychology, Marquette University, Milwaukee, Wis. 53233.
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- LOWENTHAL, DR. ALAN, b. New York, N.Y., Mar. 8, 41; m. 66; c. 2. PSYCHOLOGY. B.A., Hobart Col., 62; M.A., Ohio State, 65; U.S. Pub. Health Serv. fel., 66-67; Ph.D. (psychol.), 67. Intern Clin. psychol. med. center, California, San Francisco, 65-66; U.S. Pub. Health Serv. fel. child clin. psychol., Reiss-Davis Child Study Center, 67-69; ASST. PROF. PSYCHOL., CALIF. STATE COL. LONG BEACH, 69- Psychol. Asn. Development theory; learning; personality theory. Address: Dept. of Psychology, California State College at Long Beach, Long Beach, Calif. 90804.
- LOWI, PROF. THEODORE J(AY). Political Sociology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position: Explorations of Role-playing: Group politics and individual freedom: modern society and the suppression of choice, Holt, 70. Address: Dept. of Political Science, University of Chicago, Chicago, Ill. 60637.
- LUBALIN, DR. JAMES S(PENCER), b. New York, N.Y., Dec. 18, 42; m. 64. SOCIAL PSYCHOLOGY. B.S. Rensselaer Polytech., 64; M.A. Syracuse, 66; N.Y. Regents Col. fel., Michigan, 66-69; Ph.D. (psychol.), 69. Asst. soc. psychol., Michigan, 66-69; lectr. & res. fel., soc. rels., Harvard, 69-70; ASST. PROF. PSYCHOL., VIRGINIA, 70- Assoc. Psychol. Asn.; assoc. Soc. Psychol. Study Social Issues. Experimental, field and computer simulation studies of attitude and opinion processes; explorations of role-playing methodologies in social research; content analytic examination of political pressure on the news media. Address: Dept. of Psychology, Gilmer Hall, University of Virginia, Charlottesville, Va. 22903.
- LUBIN, DR. GERALD J, b. Brooklyn, N.Y., Mar. 29, 28; m. 54; c. 4. PSYCHIATRY. B.S. Notre Dame, 49; M.D., Texas, 54. Intern. Center of Angels Hosp. Los Angeles, Calif., 55; res. psychiat., U.S. Vet. Admin. Center, Los Angeles, Univ. California, Los Angeles & Los Angeles Child Clin., 55-59; psychiatrist in charge, San Pedro Bp., Los Angeles Sch. Guid. Clin., 59-63; fel. dept. child psychiatrist, Mt. Sinai Hosp., Los Angeles, 63-65; asst. prof. psychiat. & pediat. med. sch., Southern California, 65-69; DIR. TRAINING CHILD PSYCHIAT. & ASST. PROF. DIR. UNIV. AFFILIATED PROJ. CHILDRENS HOSP., LOS ANGELES, 69- Clin. instr., California, Los Angeles, 59-63; supv. of residents in adult psychiat., Los Angeles Harbor Gen. Hosp., 59-63; supv. residents in child psychiat., Los Angeles County Gen. Hosp. & med. center, Southern California, 60-69; chief of prinl. ed., Porterville State Hosp., 63; med. dir., Culver City Guid. Clin., 65. Attend. staff psychiatrist, Cedars Mt. Sinai Med. Center, Childrens Hosp., Los Angeles County Gen. Hosp. Consult. psychiatrist, Porterville State Hosp., Spastic Childrens Found. Los Angeles County; State Dept. Ment. Hyg. Dept. Voc. Rehab; Los Angeles County Dept. Ment. Hyg. Cert. adult psychiatrist, Am. Bd. Psychiat. & Neurol., 62, child psychiatrist, 68. Am. Med. Asn.; Psychiat. Asn.; Orthopsychiat. Asn. Group therapy with adolescent retardates. Address: University Affiliated Project, Children's Hospital of Los Angeles, 4650 Sunset Blvd., Los Angeles, Calif. 90027.
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- LUBMAN, PROF. STANLEY BERNARD. Law, Chinese Studies. See 5th ed. Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- LUCAS, PROF. CHARLES M(ICHAEL). Psychology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Prof., 69-, Western Connecticut State College, 181 White St., Danbury, Conn. 06810.
- LUCHSINGER, PROF. VINCENT PETER, b. Dubuque, Iowa, July 1, 29; m. 57; c. 6. MANAGEMENT, BEHAVIORAL SCIENCES. B.A. Loras Col., 49; M.A. Texas Tech, 59; Ph.D. (psychol.), 62. Assoc. prof. MGT., TEXAS TECH, 63-68, PROF. & CHM. DEPT., 66- Summer fels., Ford Found., 63 & IBM Found., 64. U.S.A.F., 49-59, Lt. Col. Psychol. Asn.; Acad. Mgt. Inst. Mgt. Sci. Human behavior in organizations; management and administrative systems; decision theory. Address: Dept. of Management, Texas Tech University, Lubbock, Tex. 79409.
- LUCK, PROF. DAVID J(OHNSTON). Marketing. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New information: Also chmn. dept. mkt., 69-, Southern Illinois University, Second Floor University Center, Edwardsville, Ill. 62025.
- LUCK, DR. PATRICK WILLIAM, b. Rome, N.Y., Feb. 11, 35; m. 66; c. 1. SOCIOLOGY. B.A., Vermont, 60; Nat. Defense Ed. Act fel., Connecticut, 61-64, M.A., 63, Ph.D. (sociol.), 69. Res. asst. socio-psychol. factors myocardial infarction & instr. sociol., Connecticut, 64-68; ASST. PROF. SOCIOL., TEMPLE, 68- Med. res. scientist, East Pa. Psychiat. Inst., 68- U.S.A., 54-56. Sociol. Soc.; Soc. Study Social Probs. Social determinants of self-esteem; socio-psychological factors in myocardial infarction. Address: 6635 McCullum St., Philadelphia, Pa. 19119.
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- LUCY, DR. HERBERT EUGENE, b. Meridian, Miss., July 9, 27; m. 48; c. 2. PSYCHOLOGY. B.A., WILLIAM CAREY COL., 50; M.D., Southern Mississippi, 58, fel., 60-61, Ed. D. (counseling, psychol.), 62. Instr. pub. schs., 50-60; instr. ed. & counselor, Southern Mississippi, 61-62; assoc. prof. ed. & dir. counseling & testing, Delta State Col., 62-66; ASSOC. PROF. PSYCHOL. & DIR. STUDENT COUNSELING, SOUTHERN MISSISSIPPI, 66- Chmn. regional screening com. spec. ed. Miss State Dept. Ed., 63-66; consult. div. voc. rehab., summer 67. Psychol. Asn.; Personnel & Guid. Asn.; Nat. Voc. Guid. Asn. Factors related to academic success and survival in higher education; descriptive research with various college samples; personality assessment; group counseling theory; psychoactive drugs and influence on behavior. Address: Box 75, University of Southern Mississippi, Southern Station, Hattiesburg, Miss. 39401.
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- McCLELLAND, PROF. DAVID FRANTZ, b. Grove City, Pa., Apr. 19, 25. POLITICAL SCIENCE. A.B., Grove City Col., 45; M.A., Westminster Col., 53; Pa. State, 55; Vermont, 56-57; summer John Jay Whitney fel., Williams Col., 58; Fullbright scholar, India, 58; Pittsburgh, 63-70. Chmn. dept. soc. sci., high sch., Grove City, Pa., 46-62; instr. POLIT. SCI., GROVE CITY COL., 62-65, asst. prof., 65-68, ASSOC. PROF., 68-; George Washington Medal, Freedoms Found., 59. U.S.M.C., 42-43. Polit. Sci. Asn.; Acad. Polit. & Soc. Sci. Constitutional theory, especially the American Constitution and Declaration of Independence. Address: Box 24, Crawford Hall, Grove City College, Grove City, Pa. 16127.
- McCLELLAND, DR. EDWARD L., b. Rockford, Ill., July 22, 36. ECONOMICS. B.S.E.E., Purdue, 58; M.B.A., Florida, 65, Ph.D. (agr. econ.), 69. RES. ECONOMIST, FED. RESERVE BANK DALLAS, 69-; U.S.A.F., 58-62, 1st Lt. Agr. Econ. Asn.; Econ. Asn. Advertising budget allocations; economic allocation theory; operations research. Address: Federal Reserve Bank of Dallas, Dallas, Tex. 75222.
- McCLELLAND, DR. WILLIAM AGNEW. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Exec. v-pres., 69-; HumRRO, 300 N. Washington St., Alexandria, Va. 22314.
- McCLENDON, PROF. PAUL I. Communications. See 5th ed, Dir. Am. Scholars, Vol. II, Eng, Speech & Drama.
- McCLURE, DR. GEORGE T. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- McCLURE, DR. JAMES NATHANIEL. Psychiatry. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- MACCOBY, DR. MICHAEL. Social Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Vis. fel. inst. policy studies & res. assoc. prog. tech. & soc. 69-; Harvard University, 1520 New Hampshire Ave. N.W., Washington, D.C. 20036.
- McCOMBS, DR. MAXWELL E. Mass Communication. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-; Dept. of Journalism, University of North Carolina, Chapel Hill, N.C. 27514.
- McCONNELL, PROF. GRANT. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-; Dept. of Politics, University of California, Santa Cruz, Calif. 95060.
- McCONNELL, DR. SHIRLEY. Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Clin. psychologist, Vanguard Middle Sch., 69-; Address: Beaver Hill Apts. N., Jenkintown, Pa. 19046.
- McCONVILLE, DR. BRIAN J., b. Queenstown, N.Z., May 11, 33; m. 60; c. 3. CHILD PSYCHIATRY. M.B., Ch.B. (med), New Zealand, 57. Lectr., QUEENS (ONT), 65-67, ASST. PROF. CHILD PSYCHIAT., 67-; PEDIAT., 69-; DIR.

- REGIONAL CHILDRENS CENTRE, 67- Psychiat. consult, Hamilton County Day. Center, Cincinnati, 64-65; Sunnyside Childrens Center, Kingston, 65-; adolescent unit, Kingston Psychiat. Hosp, 65-; Childrens Aid Soc, Kingston, 66-; mem. task force on children serv, Ont, 68-; chmn. exec. acct, Child Psychiat, Ont, 69-70. Cert. Royal Col. Physicians & Surgeons Can, 66; mem. Am. & N.Z. Col. Physicians, 67. Can. Med. Assn. Soc. Psychophysiol. Res; Can. Psychiat. Assn; Australian & N.Z. Col. Psychiat. The predictive measurement of behavioral changes in children inpatient units; phenomena of childhood depression; prediction of illness after depression. Address: 67 Montgomery Blvd, Kingston, Ont, Can.
- McCORD, DR. JOAN F, b. New York, N.Y., Aug. 4, 30; m. 51; c. 2. SOCIOLOGY. Ed.M. Harvard, 66; Josiah Royce fel, Radcliffe Col, 57; Stanford Wilson fel, Stanford, 62-63, M.A., 66, Nat. Inst. Ment. Health fel, 66-68, Ph.D.(social), 68. Teacher, pub. schs, Concord, Mass, 52-55; co-dir, Stanford Personality Develop. Res. Proj, Nat. Inst. Ment. Health, 58-62; lectr. social, Stanford, 62; consult, U.S. Army Med. Res. & Develop. Command Proj, 64-65; ASST. PROF. SOCIOLOGY, DREXEL, 68- Social. Assn. Deviance; personality development; values and transmission of values. Publ: Co-auth, Origins of alcoholism, Stanford, Univ, 60, The psychopath, Van Nostrand, 64 & Conscience orientation and dimensions of personality, Behav. Sci, 9/64. Address: Dept. of Sociology, Drexel University, 32nd & Chestnut St, Philadelphia, Pa. 19104.
- McCORD, PROF. WILLIAM MAXWELL. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 68-, Dept. of Sociology, Syracuse University, Syracuse, N.Y. 13210.
- McCORKLE, DEAN CHESTER O(LIVER), Jr. Agricultural Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also dean col. agr. & environ. sci, California, Davis, 69- Address: 724 Oeste Dr, Davis, Calif. 95616.
- McCORMACK, DR. PETER D(VEVEY). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, 69-, Dept. of Psychology, Carleton University, Ottawa 1, Ont, Can.
- McCORMACK, DR. WILLIAM C(HARLES). Anthropology, Linguistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 68-, Dept. of Sociology & Anthropology, University of Calgary, Calgary 44, Alberta, Can.
- McCORMICK, RONALD ROBERT, b. Chicago, Ill, June 19, 29; m. 52, 68; c. 4. COUNSELING PSYCHOLOGY, HUMAN FACTORS ENGINEERING. B.S. Northwestern, 51, M.A. 52; North Texas State, 59-62; Fla. State, 67. Res. psychologist, U.S. Air Force, 52-57; staff psychologist, Dallas County Juvenile Court, 57-61; sr. human factors psychologist, Syst. Develop. Corp, N.J., 61-62; lead human factors engr, Ling-Temco-Vought Corp, Tex, 62-66; engr. & scientist, Tracor, Inc, 66-67; voc. rehab. psychologist, Fla. State Dept. Ed, 67-68; RES. ASSOC. & ASST. DIR. TESTING & EVAL. CENTER, FLORIDA ATLANTIC, 68- Pres. & founder, Int. Data Interchange, Inc, Fla, 69-; Trademark Design Prod, Inc, 70-; exec. dir, Human Factors Res. Assocs, 70- Personnel consult, Broward County Mfrs. Assn, 67-69; consult, Forty-Plus Career Inst, 69- U.S.A.F. 52-57, Res, 57-66, Capt. Psychol. Asst; Ed. Res. Assn; Human Factors Comm. College vocational and educational counseling and research; human factors engineering; computer sciences; consulting psychology; management of individual business interests. Publ: Co-auth, U.S.A.F. classified military research, U.S.A.F. Documents, 52-57; auth, U.S. letters patent, U.S.A.F. Patent Off, 59; LTV guide to human factors engineering, Ling-Temco-Vought, Inc, 64. Address: 406 N.E. 18th Ave, Pompano Beach, Fla. 33060.
- McCRACKEN, DR. PAUL W(INSTON). Business Administration. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Chmn, 70-, President's Council of Economic Advisors, The White House, Washington, D.C. 20500.
- McCRACKEN, DR. ROBERT D, b. Fairplay, Colo, Aug. 8, 19; m. 67; c. 1. ANTHROPOLOGY. B.A. Colorado, 62, M.A. 65, Ph.D.(anthrop), 68. ASST. PROF. ANTHROP. Col. Woman's Col, 66-67; Calif. State Col. Long Beach, 68-69; SCH. PUB. HEALTH, CALIFORNIA, LOS ANGELES, 69- Fel. Anthrop. Assn. Culture and social change; cultural and human evolution; bio-cultural studies; ethnographic films; creative writing. Publ: Lactase deficiency: an example of dietary evolution, Current Anthropol, (in press). Address: School of Public Health, University of California, Los Angeles, Calif. 90024.
- McCROSKY, DR. JAMES C(LAYBORNE), b. Platte, S.Dak, Oct. 6, 36; m. 57; c. 5. COMMUNICATIONS, SPEECH. B.S. South State Col (S.Dak), 57; M.A., South Dakota, 59; D.D.(speech, ed. psychol), Pa. State, 66. Instr. pub. sch, S.Dak, 57-60; speech, Univ. Hawaii, 60-61; dir. forensics, Col. William & Mary, 61-63; instr. speech, Pa. State, 63-66; asst. prof, Mich. State, 66-68, commun, 68-69; ASSOC. PROF. SPEECH COMMUN. & DIR. GRAD. STUDIES, ILLINOIS STATE, 69- Speech Commun. Assn; Int. Commun. Assn; Am. Forensic Assn. Communication education; message variable in attitude change. Publ: Introduction to rhetorical communication, 68 & Introduction to interpersonal communication, 71, Prentice-Hall; co-auth, Elements of debate, Arco, 69. Address: Dept. of Speech Communication, Illinois State University, Normal, Ill. 61761.
- McCULLERS, DR. JOHN C. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 68-, Dept. of Psychology, Georgia State University, 33 Gilmer St. S.E., Atlanta, Ga. 30303.
- McCULLY, DR. ROBERT STEPHEN. Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Grad. C. Inst. Psychol, chmnal, 68. Prof. & head, 69-, Division of Psychology, Medical University of South Carolina, 80 Barre St, Charleston, S.C. 29401.
- McCUNE, PRES. ELLIS E, b. Houston, Tex, July 17, 21; m. 46; c. 1. POLITICAL SCIENCE. B.A., California, Los Angeles, 48, Ph.D.(polit. sci), 57. Teaching asst. polit. sci, California, Los Angeles, 49-51; from instr. to assoc. prof, Occidental Col, 51-59; from asst. prof. to prof, San Fernando Valley State Col, 59-63; State Col. dean acad. planning, Calif. State Colls, 63-67; PRES. CALIF. STATE COL. HAYWARD, 67- Mem. Calif. State Schor. & Loan Cmn, 64-69, chmn, 64-69. U.S.A.A.F., 42-46, S/Sgt. Polit. Sci. Assn. College administration. Publ: Metropolitan Los Angeles: a study in integration, Haynes Found, Los Angeles, 54. Address: 5851 Highland Rd, Castro Valley, Calif. 94546.
- McCUNE, PROF. SHANNON. Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. & chmn, 69-, Dept. of Geography, University of Florida, Gainesville, Fla. 32601.
- McCURTAIN, DR. MARILYN E, b. Berkeley, Calif, Jan. 6, 28. POLITICAL SCIENCE. B.A., Occidental Col, 49; M.A., California, Berkeley, 55; Ph.D. (polit. sci), Washington (Seattle), 65. Tech. officer, 1960 Decennial Census, U.S. Bur. Census, 59-60; asst. assoc. assoc. Wash. Pub. Opinion Lab, Washington (Seattle), 60-61; RES. POLIT. SCIENTIST, OPINION RES. LAB, 61- Acad. Polit. Sci; Polit. Sci. Assn; Asn. Pub. Opinion Res. Program evaluation for state and local government; evaluating health programs; education; Office of Economic Opportunity; regional planning; model city programs. Address: Opinion Research Lab, 2108 N. Pacific, Seattle, Wash. 98103.
- McDANIEL, DR. CLYDE OLIVER, JR, b. Fayetteville, N.C., Oct. 22, 35; m. 61; c. 2. SOCIOLOGY, EDUCATION. B.S., Fayetteville State, 60; M.A., N.C. Col. Durham, 63; Ph.D.(social. res), Pittsburgh, 66. Teacher, elem. sch, N.C. 60-61; asst. sociol, N.C. Col. Durham, 61-63; instr. & teaching fel, Pittsburgh, 64-66; sr. res. assoc. appl. fed. res. Insts, Res, 65-67; asst. prof. SOCIOLOGY, ATLANTA, 67-68; Ga. State Col, 68-69; ASSOC. PROF. PITTSBURGH, 69- Lectr., N.Y. & Emory Univs, 67-68; dir. res. & eval, Atlanta & Emory Univs, 67-68. Consult. Res. Group, Inc, 68-69; Volt Tech. Corp, D.C. & Ga, 68-70; New York City Teacher Corps, N.Y. Univ. Univ-Urban Interface Prog. Univ. Pittsburgh & Allyn & Bacon Pub. Co, Mass, 69-70. U.S.A. 53-56. Sociol. Assn; Ed. Res. Assn; Nat. Coun. Family Rel. Evaluation of large-scale educational programs and projects; evaluation of a school decentralization program in Pittsburgh. Publ: Female dating roles and reasons for dating, J. Marriage & Family Living, 69, Toward a professional definition of marriage counseling, Family Coordinator, 70 & Participation in extra-curricular activities, social acceptance and social rejection among educable mentally retarded students, Ed. & Training, 70. Evaluation of Mentally Retarded, 70. Address: 2004 Sonny St, Pittsburgh, Pa. 15221.
- McDANIEL, DR. JAMES WINNARD, b. Dallas, Tex, Feb. 11, 36; m. 61; c. 2. PSYCHOLOGY. B.S., North Texas State, 57, M.S. 59; Ph.D.(psychol), Texas Tech, 64. Psychologist, Terrill State Hosp, 58-59; Larodon Hall Center, 59-60; State Dept. Rehab, Colo, 60-61; dir. ops. res, Ohio Bur. Voc. Rehab, 64-65; instr. PHYS. MED. & REHAB, SCH. MED. COLORADO, 65-66, ASST. PROF. 66-, CLIN. PSYCHOL, DEPT. PSYCHIAT, 69- AAAS; Am. Psychol. Assn; Am. Rehab. Counseling Assn. Psychological effects of chronic illness and physical disability; allied health professional education; medical education; organ transplantation and artificial internal organs. Publ: Physical disability and human behavior, Pergamon, 69; Disability and vocational redevelopment, J. Rehab, 63 & Rehabilitation research in state agencies, Rehab. Lit, 65. Address: Box 2738, 4200 E. Ninth Ave, University of Colorado School of Medicine, Denver, Colo. 80220.
- McDANIEL, DR. SUSAN GRIFFITH. Zoology. See Suppl. V to 11th ed. Phys. & Biol. Vols.
- McDERMOTT, DR. JAMES KENNETH. Agricultural Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. div. planning utilization & eval, 70-, Office of Research & University Relations, U.S. Agency for International Development, Washington, D.C. 20523.
- McDERMOTT, DR. JOHN F, Jr, b. Hartford, Conn, Dec. 12, 29; m. 58; c. 2. PSYCHIATRY. A.B., Cornell, 51; M.D., N.Y. Med. Col, 55. Intern, Henry Ford Hosp, 55-56; res. psychiatrist, med. center, Michigan, 56-58, fel. child psychiat, 60-62; instr. PSYCHIAT, 61-64, asst. prof, 64-66, assoc. prof, 66-69. PROF. & CHMN. DEPT. SCH. MED. HAWAII, 69- Mem. Nat. Med. Adv. Bd. Ed. Film Prod, 67-; cmt. cert. child psychiatrist, Am. Bd. Psychiat. & Neurology, 70. Med. C. U.S.N.R., 58-60, Lt. Cmdr. Fel. Psychiat. Assn; fel. Col. Psychiat. fel. Orthopsychiat. Assn; fel. Acad. Child Psychiat; Group Adv. Psychiat; Am. Med. Assn. Child psychiatry; social class and mental illness; divorce and its effects on children. Publ: Co-auth, Psychiatry for the pediatrician, Norton, 70 & Social class and mental illness in children: the diagnosis of organicity and mental retardation, In: Annual progress in child psychiatry and child development, Brunner-Mazel, 68. Address: Dept. of Psychiatry, University of Hawaii School of Medicine, Leahi Hospital, 3675 Kilauea Ave, Honolulu, Hawaii 96816.
- McDERMOTT, BRIG. GEN. R(OBERT) F(RANCIS), U.S.A.F.(RET). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Pres, 69-, United Services Automobile Association, 4119 Broadway, San Antonio, Tex. 78215.
- McDIARMID, DR. COLIN GORDON. Experimental Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 68-, Dept. of Psychology, Mankato State College, Mankato, Minn. 56001.
- McDIARMID, DR. JOHN. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 15 Friends Colony West, New Delhi, India.
- McDILL, REV. THOMAS HALDANE. Pastoral Care & Counseling. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- McDONALD, DR. DAVID G(EORGE). Experimental Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. & chmn, 69-, Dept. of Psychology, University of Missouri, Columbia, Mo. 65201.
- McDONALD, DR. JAMES R(OBERT). Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, 68-, Dept. of Geography & Geology, Eastern Michigan University, Ypsilanti, Mich. 48197.



- MacDONALD, DR. JOHN LAUCHLIN. Mathematics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- McDONALD, PROF. MARGARET FRANCES, b. Zanesville, Ohio, Jan. 23, 08. AGRICULTURAL ECONOMICS, RURAL SOCIOLOGY. B.A., Ohio State, 29, M.Sc., 41; American Univ., 49. Asst. instr. AGR. ECON. OHIO STATE, 29-42, instr.; 42-46, asst. prof.; 46-59, ASSOC. PROF. 59- Del. Int. Agr. Econ. Assn, Mysore, India, 58. Agricultural prices; analysis of Ohio agriculture from census and other available data. Publ: Co-auth, Ohio farm prices handbook, 6 ed, 58-66, Facts about Ohio farming, 3rd rev. ed, 61 & Ohio agriculture, 68 & 6th rev. ed, 70, Ohio Coop. Agr. Extn. Address: Dept. of Agricultural Economics, Ohio State University, Columbus, Ohio 43210.
- MacDONNEL, DR. JOHN F(RAZIER) F(RANCIS). Guidance. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 12 Shields' St, Newport, R.I. 02840.
- McDONOUGH, DR. JOHN H, b. Meriden, Conn, Oct. 21, 17. INTERNATIONAL RELATIONS. B.A., Yale, 38, M.A., 41, Ph.D. (int. rels.), 49. Asst. prof. INT. RELS., Mississippi, 47-49; GEORGETOWN, 49-57, ASSOC. PROF., 57-. DIR. LATIN AM. STUDIES PROG., 66- Ford Found. study grant int. rels., 54; Orgn. Am. States res. fel. frontier integration, Colombia & Venezuela, 65-66. U.S.A., 41-45. Polit. Sci. Assn; Latin Am. Studies Assn. Latin American integration. Address: 7014 Marguerite Court, Annandale, Va. 22003.
- McDONOUGH, MAJ. JOHN PAUL, U.S.A.F., b. Carbondale, Pa., Nov. 1, 26; m. 53; c. 2. PSYCHOLOGY. B.S., Seton Hall, 50; M.S., Purdue, 61, Ph.D. (psychol.), 66. U.S. AIR FORCE, 51-. Instr. PSYCHOL. U.S. AIR FORCE ACAD., 61-64, asst. prof., 64-67, ASSOC. PROF., 67-. Selection procedures used in assigning personnel to overseas stations using profile analysis and hierarchical grouping techniques. Address: Dept. of Psychology, U.S. Air Force Academy, Colo. 80840.
- McDONOUGH, DR. LEAH B(ROOKS). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Chief, courts & corrections unit, San Mateo Ment. Health Serv., 67- Address: 2150 Cowper St, Palo Alto, Calif. 94301.
- McDOUGAL, PROF. MYRES S(MITH). Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- MacDOUGALL, DR. E(DWARD) BRUCE. Geography. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 69-, University of Pennsylvania, GSFA-119, Philadelphia, Pa. 19104.
- McDOUGALL, JOHN L(ORNE). Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Publ: Canadian Pacific Railway: a brief history, McGill Univ., 68 (title change). Address: McDougall Consultants Ltd, 253 Albert St., Kingston, Ont., Can.
- McDOWELL, DR. EUGENE EARLY, III. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof. & head, 69-, Dept. of Psychology, Western Carolina University, Cullowhee, N.C. 28723.
- MACE, DR. ALMON T(URLEY). Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 216 Governor's Lane, Harrisonburg, Va. 22801.
- McEACHERN, PROF. ALEXANDER WILLIAM, b. Winnipeg, Man, Oct. 17, 28; m. 49; c. 3. PSYCHOLOGY, PUBLIC ADMINISTRATION. B.A., British Columbia, 49, M.A., 50; Harvard, 51-52. Psychol. intern., Vancouver Gen. Hosp. B.C., 49-50; teaching asst., abnormal psychol., British Columbia, 49-50; clin. psychologist, Vancouver Child Guid. Clin. 50-51; res. asst. soc. rels., Harvard, 51-52; res. assoc. sch. exec. studies, grad. sch. ed., Harvard, 52-57; John Tracy Clin., Los Angeles, Calif., 57-60; ASSOC. PROF. PUB. ADMIN. SCH. PUB. ADMIN., SOUTHERN CALIFORNIA, 62-. PROJ. DIR. YOUTH STUDIES CENTER, 60-. DIR. YOUTH STUDIES CENTER, 67-. DIR. PUB. SYSTS. RES. INST., 69- Ed. Youth & Soc. 69- Computer applications to social and organizational phenomena; systems analysis; organizational theory; decision theory; research methods. Publ: Co-auth, Explorations in role analysis, Wiley, 58; ed., The juvenile probation system, Am. Behav. Scientist, 68. Address: Public Systems Research Institute, University of Southern California, University Park, Los Angeles, Calif. 90007.
- MACEK, DR. ALBERT J. Experimental Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 2432 Sheridan St, Minneapolis, Minn. 55405.
- McELROY, DR. F. WILLIAM. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 68-, Dept. of Economics, Georgetown University, Washington, D.C. 20007.
- MACESICH, PROF. GEORGE. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Managing ed, Slavic Papers, Florida State Univ., 67- Address: Dept. of Economics, Florida State University, Tallahassee, Fla. 32306.
- McEVOY, DR. JAMES, b. Detroit, Mich., Apr. 16, 40; m. 63. SOCIOLOGY, POLITICAL SCIENCE. A.B., Michigan, 63, A.M., 64. Ph.D. (sociol.), 68. ASST. PROF. SOCIOL., CALIFORNIA, DAVIS, 67- Spec. consult, Nat. Cmn. Causes & Prev. Violence, 68-70. Sociol. Assn; Polit. Sci. Assn. Social ecology and recreational behavior; political sociology; survey research. Publ: Co-ed, Black power and student rebellion, Wadsworth, 69; Radicals or conservatives: the contemporary American right, Rand McNally, 70. Address: Division of Environmental Studies, University of California at Davis, Davis, Calif. 95616.
- McFADDEN, CHARLES J., O.S.A. Philosophy, Ethics. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- McFADDEN, DR. FREDERICK R, b. Escanaba, Mich., Apr. 22, 33; m. 58; c. 3. INDUSTRIAL ENGINEERING. B.S., Mich. State, 55; M.B.A., California, Los Angeles, 61; Ph.D. (opers. res.), Stanford, 68. Indust. engr., Procter & Gamble Co., 58-59; ar. math. analyst, Lockheed Missiles & Space Co., 60-61; ops. analyst, Stanford Res. Inst., 61-68; asst. prof. bus. admin., Santa Clara, 66-68, assoc. prof. quant. methods & chmn. dept., 68-70; ASSOC. PROF. MGT. SCI., COLORADO, 70- U.S.A.F., 57-59, 1st Lt. Inst. Mgt. Sci. Operations research; quality control systems; production and inventory control; mathematical programming. Publ: An analysis of dominion textile's warehousing and distribution system, 64 & A study of rapid shutdown in industry in the event of nuclear attack, 66, Stanford Res. Inst.; A comparative analysis of alternative quality control plants, Stanford Univ., 68. Address: Dept. of Management Science, University of Colorado, Boulder, Colo. 80304.
- McGEARY, DEAN MARTIN NELSON. Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Emer. dean, 69-, Pennsylvania State University, University Park, Pa. 16802.
- McGEE, PROF. SHANNA J, b. St. Paul, Minn., Mar. 6, 23. CLINICAL PSYCHOLOGY. B.A., California, Berkeley, 47; M.A., Michigan, 51; M.S., 52; Ph.D. (clin. psychol.), Western Reserve, 59. Clin. psychologist, Wayne County Hosp., Mich., 55-58; assoc. prof. psychol. & dean women, West State Col. Colo., 58-60; asst. prof. PSYCHOL. IDAHO STATE, 60-62, assoc. prof., 62-69, PROF., 69- Fel. med. sch., Wisconsin, 68-69. Consult. psychologist, Southeast Idaho Ment. Health Center, 61- Psychol. Assn. Psychotherapy; personality dynamics; projective testing. Address: Dept. of Psychology, Idaho State University, Pocatello, Idaho 83201.
- McGEE, DR. THOMAS F(REDERICK). Clinical Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Dir., 69-, Mental Health Division, Chicago Board of Health, Civic Center, Chicago, Ill. 60602.
- McGILL, PRES. WILLIAM J. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Chancellor, California, San Diego, 68-70; pres., Columbia, 70- Address: Columbia University, New York, N.Y. 10027.
- McGINLEY, DR. ANDREW D(ODDS), JR. Industrial Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Pres., McGinley & Co., Inc., Milwaukee, 69- Address: 4160 N. Cherokee Dr., Brookfield, Wis. 53005.
- McGINN, DR. NOEL F(RANCIS). Social Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. ed., 69-, Center for Studies in Education & Development, Harvard University, 38 Kirkland St., Cambridge, Mass. 02138.
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Effects of septal lesions on bait-shyness, *Physiol. & Behav.* 11/69. Address: Barrow Neurological Research Institute, St. Joseph's Hospital, Phoenix, Ariz. 85013.

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- McLAUGHLIN, DR. KENNETH FLOYD, b. Salina, Kans, May 21, 15; m. 46; c. 2. STATISTICS. B.A. Drake, 36; M.A. Yale, 38; Oklahoma, 38-39; M.A. Iowa, 40, Ph.D. (ed. statist., measurement), 50. Instr. math. & physics, Goebe Jr. Col, 40-42; radio theory, Army Air Force Tech. Training Sch, Scott Field, Ill, 42-43; asst. prof. math, U.S. Naval Acad, 46-52; assoc. prof. ed. statist, Fla. State, 52-58, tech. asst. test serv. br, 52-56, acting dir, 56-57, dir, 57-70, chief test. testing prof, 56-58; specialist appraisal individual measurement & eval, U.S. OFF. ED, 58-69, ED. PROG. SPECIALIST, 69- Vis. lectr, Maryland, 60-62. Consult. State Merit Syst, Fla, 54-58; State Bd. Bar Exams, 56-58; State Develop. Cmn, 57-58. U.S.N.R., 43-46, Lt. (jg). Psychomet. Soc; Math. Assn; Nat. Coun. Measurement in Ed; Asn. Measurement & Eval. In: Guid. Personnel & Guid. Assn. Publ. Ninth grade testing program, J. Fla. Ed. Assn; Interpretation of test results, U.S. Off. Ed; Understanding testing, purposes and interpretations for pupil development. Address: 871 N. Madison St, Arlington, Va. 22205.
- McLAUGHLIN, DR. MARTIN MICHAEL, b. Portland, Ore, June 23, 18; m. 49; c. 7. POLITICAL SCIENCE, PHILOSOPHY. A.B. Portland, 38; M.A. Notre Dame, 41, Ph.D. (polit. sci), 48. Asst. prof. polit. sci, DePaul, 48-51; polit. officer, U.S. DEPT. STATE, Wash, Paris, Bonn, 51-62, spec. asst. bur. cult. & ed. affairs, 62-66, Dep. Dir. OFF. INT. TRAINING, AGENCY INT. DEVELOP, 66- Lectr, Maryland, 64-; Catholic Univ, 65-66; George Washington, 65- U.S.A.F., 46, Capt. Polit. Sci. Assn. American government, especially constitutional history, public administration, and political processes. Publ. Political processes in American national student organizations, privately pub, 48. Address: 3325 N. 20th St, Arlington, Va. 22207.
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- McLEAN, DR. GEORGE DONALD, b. Ft. Wayne, Ind, Apr. 8, 31; m. 64. CLINICAL PSYCHOLOGY. B.A. DePaul, 58; U.S. Pub. Health Serv. fel, Indiana, 62-63, Ph.D. (clin. psychol), 65; U.S. Pub. Health Serv. fel, Colorado, 63-64. ASST. PROF. PSYCHOL, SOUTHERN ILLINOIS, 65- ASST. DIR. COUNSELING & TESTING CENTER, 69-, counselor, 65-69, acting dir, counseling psychol, 67-68. U.S.A.F., 49-51. Behavior therapy: evaluation of counseling. Address: Counseling & Testing Center, Southern Illinois University, Carbondale, Ill. 62901.
- McLEAN, DR. JACK H(ANSON), b. Kilgore, Tex, Nov. 16, 40; m. 69; c. 1. PHYSIOLOGICAL PSYCHOLOGY. B.A. Austin Col, 63; Nat. Defense Ed. Act. fel. & M.S. Tulane, 66, Ph.D. (psychol), 68. ASST. PROF. PSYCHOL, LA. STATE, NEW ORLEANS, 67- AAAS; Psychol. Assn. Electrical brain stimulation; reproductive behavior. Address: Dept. of Psychology, Louisiana State University in New Orleans, Lake Front, New Orleans, La. 70122.

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- McMANUS, DR. JOHN JOSEPH. Vertebrate Zoology, Ecology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- McMARTIN, DR. JAMES (ANDREW). b. Washington, D.C. June 6, 40; m. 62. SOCIAL PSYCHOLOGY. B.S. Fordham, 61; M.A. Brooklyn Col, 64; Ph.D. (psychol), Minnesota, 68. Res. asst. PSYCHOL. Inst. Develop. Studies, N.Y. Univ, 61-64; Minnesota, 65-67; ASST. PROF. SAN FERNANDO VALLEY STATE COL, 67- Inst., Macalester Col, 66; San Fernando Valley State Col. Found. grant, 67-68. Psychol. Assn. Processes of social learning in group interaction; methodological issues in social psychology. Publ: Co-auth. The ineffectiveness of punishment power, Sociometry, 69; auth. Two experimental tests of an averaging model of social influence, J. Personality & Soc. Psychol. (in press). Address: Dept. of Psychology, San Fernando Valley State College, Northridge, Calif. 91324.
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- McMILLAN, DR. R. BRUCE. b. Springfield, Mo, Dec. 3, 37; m. 61; c. 3. ANTHROPOLOGY. B.S. Southwest Mo. State Col, 60; M.S. Missoi, Columbia, 63; Nat. Sci. Found. fel, Colorado, 66-68, Ph.D.(anthrop), 70. Res. assoc. archaeol, Missouri-Columbia, 64-66 & 68-69; ASSOC. CURATOR ANTHROP. ILL. STATE MUS, 69- AAAS; Soc. Am. Archaeol. Cultural history of the eastern United States; settlement subsistence patterns of the Eastern Archaic; environmental reconstruction. Publ: Gasconade prehistory, Mo. Archaeologist, 65; Friesco burial mounds from the prairie border region of southwestern Missouri, Plains Anthropologist, 68; Early Canid burial from the western Ozark highland, Science, 70. Address: Section for Anthropology, Illinois State Museum, Springfield, Ill. 62706.
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- McNALLY, JAMES W(ALLACE). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, 68. Address: 3511 Porter St. N.W., Washington, D.C. 20016.
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- McNULTY, PROF. JOHN ARTHUR. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, 69-, Dept. of Psychology, Dalhousie University, Halifax, N.S., Can.
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- MacPHEE, DEAN DONALD ALBERT. American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- MacPHERSON, PROF. ERIC. b. Hawkeye, Sask, Apr. 8, 31; m. 57; c. 3. MATHEMATICS, EDUCATION. B.A. British Columbia, 52, M.A. 59; Ph.D.(ed), Washington State, 66. Lectr. MATH. ED. BRITISH COLUMBIA, 59-62, asst. prof, 62-66, assoc. prof, 66-70, PROF, 70-, HEAD DEPT, 65- Ed. Res. Assn. The nature of concept hierarchies in mathematics. Address: 4474 Portland Burnaby 1, B.C. Can.
- MacPHERSON, DR. WILLIAM R. b. Minot, N.Dak, Feb. 9, 39; m. 59; c. 1. SOCIOLOGY. B.A. Macalester Col, 61; M.A. Harvard, 63, Ph.D.(sociol), 67. Asst. prof. SOCIOL. American Univ, 64-66; lectr, Northeastern, 66-67; Boston, 67; ASST. PROF. POMONA COL, 67- Pomona Col. faculty res. grant, 67-68. Sociol. Assn. Social movements, especially ideology and propaganda of American political and religious movements; political sociology, especially influence processes, such as lobbying and political campaigns. Address: Dept. of Sociology, Pomona College, Claremont, Calif. 91711.
- McQUADE, PROF. FRANCIS P(ATRICK). Law, Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
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- McQUITT, PROF. JOHN VREDENBURGH. b. Springfield, Ill, Jan. 27, 07; m. 30; c. 2. PSYCHOL. B.A., Florida, 24, Kentucky, 32, Ph.D.(psychol), 39. Asst. registr. Florida, 29-35, univ. examiner, 35-42; aviation psychologist, U.S. Army Air Force, 42-45; UNIV. EXAMINER, FLORIDA, 45-, prof. psychol, 57- Mem. Col. Bd. Coun. on Col. Level Exam. Prog, 65-68. U.S.A.A.F., 42-45, Lt. Col. Psychol. Assn. Construction, administration and validation of college level course examinations. Publ: Evaluation in general education at the University of Florida, In: Evaluation in general education, W.C. Brown, 54; co-auth. Use of tests in educational personnel programs, Rev. Ed. Res, 4/54; auth. The value of a testing program in college admissions, Proc. Annual Meeting Fla. Assn. Cols. & Univs, 3/63. Address: 408 Seagle Bldg, University of Florida, Gainesville, Fla. 32601.
- MacRAE, DR. C(ECIL) DUNCAN. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Res. staff, 69-, Urban Institute, 2100 M. St. N.W., Washington, D.C. 20037.
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- McRAE, PROF. ROBERT JAMES. Physics, History of Science. See Suppl. VI to 11th ed, Phys. & Biol. Vols.



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- MADDOX, DR. ROBERT CASEY, b. Birmingham, Ala. Aug. 20, 36; m. 63. MANAGEMENT. B.B.A. Texas, Austin, 61; Nat. Defense Ed. Act fel. 69, 67, Ph.D.(bus. admin), 68. ASST. PROF. mgt., Missouri-Columbia, 67-69; INT. MGT. FLORIDA, 69- Res. grant, Missouri, summer 68; participant, Invitational Workshop Int. Bus. N.Y. Univ. Sept. 68; res. grant, Florida, summer 70, U.S.A.R. 58-63. Soc. Int. Develop. International management; comparative waste studies in Guatemala; deficiencies of managerial personnel in Latin America; private developmental efforts. Publ. Co-auth. The group executive position: a growing trend, Bus. Topics, autumn 64; auth. The cost of increased behavior reliability, Adv. Mgt. J. 4/65; Management in Latin America: a critical resource for economic development, Univ. Houston Bus. Rev., summer 65. Address: Dept. of Management & Business Law, University of Florida, Gainesville, Fla. 32601.
- MAEHR, PROF. MARTIN J. b. Fairmont, Okla., Oct. 13, 02; m. 31; c. 1. PSYCHOLOGY. B.S.Ed., Okla. State, 38, M.S.Ed., 41; Ph.D.(psychol.), Nebraska, Lincoln, 55. Prin. parochial sch., Okla., 30-44; Nebr., 44-52; asst. prof. ed. & psychol., CONCORDIA TEACHERS COL., 52, asst. prof., 53-55, chmn. dept., 55-59, PROF. ED. & PSYCHOL. & DIR. PLACEMENT & TESTING, 55- Consult. Bd. Higher Ed., Lutheran Church, 62-63; Cmn. Ministerial Health, 67- Psychol. Asn; Ed. Res. Asn. Relationship between biblical knowledge, specific belief and certain specific practices. Publ. Bible information, secondary level, Bd. Higher Ed., St. Louis, 58; Practice, belief and practice information, Concordia, 65; Wer weiss es?, Christian Publ., Stuttgart, 67. Address: Dept. of Education & Psychology, Concordia Teachers College, 800 N. Columbia, Seward, Nebr. 68434.
- MAERTIN, PROF. HARVEY. Business Management. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. mfg. admin., College of Business Administration, University of Toledo, Toledo, Ohio 43606.
- MAES, DR. WAYNE R. b. Port Huron, Mich., May 6, 32. COUNSELING PSYCHOLOGY. Th.B., Owosso Col., 53; A.B., Central Michigan, 54; M.A., Mich. State, 55, Ph.D.(counseling psychol.), 64. Dir. psychol. serv., Lansing Pub. Schs., Mich., 56-61, asst. dir., pupil personnel, 61-62; guid. coordinator, San Diego County Dept. Ed., 62-64; dir. counseling, California Western, 64-65; ASSOC. PROF. COUNSELING PSYCHOL., ARIZONA STATE, 65- Vis. lectr., Mich. State, 58-62; San Diego State Col., 63-64; vis. prof. & tech. adv. Valle, Colombia, 69; U.S. Off. ed. grant. Consult. Pima-Maricopa Indian Tribe, 67-69; East. Wash. State Col., 68. Chmn. Mgt. Curriculum Planning Cmt. Except. Children, 61-62. Psychol. Asn; Personnel & Guid. Asn. Early identification of emotionally disturbed elementary school children; characteristics of the Indian students in public schools; therapeutic reduction of test anxiety in high school students. Publ. Co-auth. Elementary school counseling: a venture in humanness, Bur. Res. Serv., Arizona State Univ., 66; Early identification of emotionally disturbed elementary school children, Except. Children, 66 & The counselor and human freedom, Am. Personnel & Guid. J., 68. Address: 2074 E. Balboa, Tempe, Ariz. 85281.
- MAFFEI, DR. RICHARD BLAISE, b. New York, N.Y. June 12, 23; m. 51. ECONOMICS, MANAGEMENT SCIENCES. S.B. Mass. Inst. Tech., 45; M.B.A., Pennsylvania, 48, Ph.D.(econ. statist), 50. Vis. asst. prof. econ. geog. & statist., Washington (Seattle), 54-55; asst. prof. ops. res. & mkt. Mass. Inst. Tech., 55-61, res. assoc. res. & develop. mgt., 61-64; vis. prof. mgt. & comput. sci., Dartmouth Col., 66-67; prof. comput. sci. & bus. policy, BOSTON COL., 67-69, ASSOC. DEAN GRAD. SCH. MGT., 69. Vpres. H.N. Shycon Col., 56-62; mgr. Auerbach Assoc., 65-66; consult., Dept. Ed., Gov. Reorgn. Study Group; Dept. Ment. Health & Dept. Commerce & Develop., Commonwealth of Mass., 66- U.S.N.R., 44-46, 48-50; Lt.(jg). Design of top management information systems; innovation and new business formation and financing; economic growth. Publ. Simulation, sensitivity and management decision rules, J. Bus., 58 & Brand preferences and Markov processes, J. Ops. Res. Soc., 60; co-auth. Simulation: tool for better distribution, Harvard Bus. Rev., 60. Address: Graduate School of Management, Boston College, Chestnut Hill, Mass. 02167.
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- & Sewer Dist. & Municipalities; A concept of a personnel philosophy, Personnel Adminstr., 11-12/64. Address: College of Business, Utah State University, Logan, Utah 84321.
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- MARTIN, PROF. R(ICHARD) M(ILTON). Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
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- MARTINSON, DR. TOM L(EE), b. Portland, Ore, Nov. 7, 41; m. 65; c. 1. GEOGRAPHY. B.A. Oregon, 63; Ph.D. (geog), Kansas, 69. Vis. asst. prof. geog, Colorado, 66-67; ASST. PROF. GEOG. & COORDINATOR INT. STUDIES, BALL STATE, 67- Mem. exec. cmt, Nat. Conf. Latin Americanist Geogrs, 69. Assn. Am. Geog. Soc; Am. Geog. Soc; Latin Am. Studies Assn; Geosci. Info. Soc. Agricultural land use in Middle America; teaching library research methods in geography. Publ. Economic rent and selected changes in agricultural land use along the western highway of Honduras, 1952-1965, Univ. Kansas, 69; Introduction to library research in geography: a self instruction manual and short bibliography, Univ. Missouri-Kansas City Bookstore, 70; Teaching bibliography to geographers, Proc. Ind. Acad. Soc. Sci, 68. Address: Dept. of Geography, Ball State University, Muncie, Ind. 47306.
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- MARUM, DR. KENNETH DONALD, b. Fall River, Mass, Mar. 25, 34; m. 56; c. 3. PSYCHOLOGY. B.A. Fresno State Col, 57; M.A. Brown, 63; Ph.D. (psychol), Vermont, 68. Asst. prof. PSYCHOL, Johnson State Col, 63-67; ASSOC. PROF, JUNIATA COL, 67-69; ACADIA, 69- Nat. Res. Coun. Can. grant. 69-70. Consult, Fundy Ment. Health Clin, Wolfville, N.S. 69- Psychol. Assn. Experimental psychology; perception of time durations under conditions of arousal and environmental variation; relationship between time perception and biological rhythms. Publ. Reproduction and ratio production of brief durations under conditions of sensory isolation, Am. J. Psychol, 81: 21-26; co-auth, Individual differences in the influence of isolation on the perception of time and behavioral response, Science, (in press). Address: Dept. of Psychology, Acadia University, Wolfville, N.S. Can.
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- MASLOW, PROF. ABRAHAM H(AROLD). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: On leave from Brandeis Univ. as res. fel., 69-; W.P. Laughlin Charitable Foundation, 1 Saga Lane, Menlo Park, Calif. 94025.
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- MATHENY, DR. RAY T, b. Los Angeles, Calif., Feb. 15, 25; m. 47; c. 5. ANTHROPOLOGY, ARCHAEOLOGY. B.A., Brigham Young, 60, M.A., 62; fel., Oregon, 63-64, Ph.D. (anthropol.), 68. Asst. archaeol., BRIGHAM YOUNG, 59-62, ASST. PROF. ARCHAEOLOGY & ANTHROPOLOGY, 64- Brigham Young-New World Archaeol. Found. res. grant, Mex. & Nat. Sci. Found. res. grant archaeol., 68. U.S.A.F., 42-45, 51-57, M/SGT. Soc. Am. Archaeol.; Anthropol. Asn. Middle American and Southwestern archaeology; peoples of the Middle East and Latin America. Publ.: Co-auth. Early oceanic migrations, Sci. Man, 61; auth. Value of aerial photography in surveying archaeological sites in coastal jungle regions, Am. Antiquity, 62; The ceramics of Aguacatal, Papers New World Archaeol. Found., 68. Address: Dept. of Anthropology, Brigham Young University, Provo, Utah 84601.
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- 64, Hill Found. fel. 64-65, Ph.D.(mkt), 66. ASST. PROF. MKT, PA. STATE, 65. Personal bankruptcy; consumer credit. Publ: Co-auth, Marketing strategies in the commercial bank credit field, Am. Bankers Assn, 68, Socio-economic indicators and attitudinal determinants of consumer bankruptcy, Am. Mkt. Assn, 68 & Social class and consumer use of credit cards, J. Mkt, 1/69. Address: Dept. of Marketing, 120 Bouckle Bldg, Pennsylvania State University, University Park, Pa. 16801.
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- MATHUR, DR. VIJAY K. b. Bulandshahr, India, June 30, 39; m. 66. ECONOMIC. B.A., Allahabad, 58, M.A., 60; Cmb. Urban Econ. Resources for Future fel, Wayne State, 69, Ph.D.(econ), 69. Instr. ECON, Wayne State, 67-68; CLEVELAND STATE, 68-69, ASST. PROF., 69- Am. Econ. Assn; Regional Sci. Assn; Royal Econ. Soc. Urban occupational composition and income; cost benefit analysis; urban manpower problems; regional growth and trade. Publ: An economic analysis of crime production, Conf. Paper, Ohio Assn. Economists & Politi. Scientists, 4/70; Occupational mobility and its determinants: an intercity site class analysis, J. Regional Sci, 10/70. Address: Dept. of Economics, Cleveland State University, Cleveland, Ohio 44115.
- MATSON, DR. ROGER ALLEN, b. Minot, N.Dak, July 29, 38; m. 67. ECONOMIC. B.A., Concordia Col, 60; Ph.D.(econ), Colorado, 65; M.R.P., North Carolina, 70. Instr. econ, Montana, 63-64; U.S. Pub. Health Serv. trainee, 64-65; economist, regional studies staff, TENN. VALLEY AUTHORITY, 65-68, CHIEF ECON. RES. STAFF, 68- Lectr. Tennessee, 69-70. Regional economics; urban development; population and labor mobility. Address: Tennessee Valley Authority, Knoxville, Tenn. 37901.
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- MATTHEWS, DR. HARRY GLEN, b. Springhill, La, Feb. 12, 39; m. 60; c. 4. POLITICAL SCIENCE. B.A., Centenary Col, 62; Lincoln Sch. Pub. Finance fel, Claremont Grad. Sch, 65-66, M.A., 66, Ph.D.(govt), 68. Instr. LaPuenta Union High Sch. Dist, Los Angeles County Schs, 64-66; ASST. PROF. POLIT. SCI., NORTHERN ARIZONA, 66- Summers, assoc. prof, Tennessee, Chattanooga, 68, Univ. West Indies Prof. Training & Res. in Pub. Admin. for East Caribbean res. grant, 69 & Northern Arizona Univ. res. grant, Brit. W.I., 70. Polit. Sci. Assn; Int. Studies Assn. British West Indies, particularly foreign policy of the independent states and development problems. Publ: Attitudes toward training and development: a study of St. Lucia and St. Vincent, Soc. & Econ. Studies, (in press). Address: Box 5806, Northern Arizona University, Flagstaff, Ariz. 86001.
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- MATTHEWS, PROF. BERNARD D(EAN), b. Ohio, W. Va., Dec. 12, 35; m. 60; c. 2. PSYCHOLOGY, EDUCATION. B.A., Boone Col, 57; M.Ed., Nebraska, 62, Ed.D.(ed. psychol), 65. Instr. PSYCHOL, DANA, 62-64; asst. prof, 64-68, assoc. prof, 66-67, PROF., 67- Psychol. Assn; Nat. Soc. Col. Teachers Ed. Independence training and social values as correlates of academic achievement of children of various ethnic groups. Address: Dept. of Psychology, Dana College, Blair, Nebr. 68008.
- MATTHYSSE, DR. STEVEN, b. New York, N.Y., Aug. 27, 39; m. 62; c. 1. PSYCHOLOGY, BIOCHEMISTRY. B.S., Yale, 59, B.A., 60; Princeton, 60-61; Rockefeller Univ, 61-63; Ph.D.(clin. psychol), Harvard, 67. Asst. prof, Pitzer Col, 66-69; RES. FEL. PSYCHIAT, MASS. GEN. HOSP., 69- AAAS; Psychol. Assn; Acad. Relig. Biochemical aspects of mental illness. Publ: On the uncertainty principle, Am. J. Physics, 60; co-auth, Passive stability in a metabolic network, J. Theoret. Biol, 64 & Neurochemistry at the crossroads of neurobiology, Annual Rev. Biochem, 71. Address: Dept. of Psychiatry, Massachusetts General Hospital, Boston, Mass. 02114.
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- MAUNDER, ELWOOD R. American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- MAUNG, DR. M. ISMAEL K(HIN), b. Kyaikto, Burma, Feb. 5, 32; c. 2. SOCIOLOGY, DEMOGRAPHY. B.A., Rangoon, 55; Colorado, 58-59; M.A., Chicago, 61, Ph.D.(sociol), 66. Asst. prof. SOCIOL, Mankato State Col, 64-66; Hamline, 66-67; Tempel, Buell, 61, 67-69; ASSOC. PROF, MONTANA STATE, 69- Sociol. Assn. Differential fertility in underdeveloped areas; comparative urbanization; planning and development of small communities; scientific creativity and organizational setting; interdisciplinary evaluation of the concept of a world community. Publ: The Arab contribution to mathematics, Univ. Rangoon Mag, 54. Address: Dept. of Sociology, Montana State University, Bozeman, Mont. 59715.
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- MAUSER, DR. GARY ARTHUR, b. Torrance, Calif, Jan. 28, 42; m. 69. BEHAVIORAL SCIENCE. B.A., California, Berkeley, 64; Nat. Sci. Found. fel, California, Irvine, 68-69, Ph.D.(psychol), 70. Teaching asst. psychol, Calif. State Col. Long Beach, 65-66; soc. sci., California, Irvine, 66-68; res. asst, 68-70, asst. prof, summer 70; FEL, LANG. & BEHAV. LAB., CALIFORNIA, BERKELEY, 70- Consult. Mkt. Struct. Studies, Inc, 69-70. Psychol. Assn; Polit. Sci. Assn; Statist. Assn. Scaling and measurement theory; psycholinguistics; elections and voting behavior. Publ: A structural approach to predicting patterns of electoral substitution, Stanford Univ, 70; Predicting patterns of competition in multiple candidate elections, Proc. Am. Psychol. Assn. Convention, 69. Address: 706 Shalimar Dr, Costa Mesa, Calif. 92627.
- MAUSS, DR. ARMAND LIND, b. Salt Lake City, Utah, June 5, 28; m. 51; c. 8. SOCIOLOGY. B.A., Sophia Univ, Japan, 54; M.A., California, Berkeley, 57, Ph.D.(sociol), 70. Teacher, Stanley Intermediate Sch, Calif, 57-59; Aca-lanes High Sch, 59-62; instr. sociol. & soc. sci., Diablo Valley Col, 62-67; ASSOC. PROF. SOCIOL, Utah State, 67-69; WASHINGTON STATE, 69- Sociol. Assn; Soc. Sci. Study Relig. Sociology of religion and education; sociology of deviance; urban and political sociology; race relations. Publ: Mormonism and secular attitudes toward Negroes, Pacific Sociol. Rev, fall 66; The reluctant right: right wing anti-communism among libertarian university students, Sociol. Ed, winter 67; Anticipatory socialization as a factor in adolescent marijuana use, Soc. Probs, winter 69. Address: Dept. of Sociology, Washington State University, Pullman, Wash. 99163.
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- MAXSON, DR. STEPHEN C. Biopsychology, Behavior Genetics. See Suppl. V & VI to 11th ed, Phys. & Biol. Vols.
- MAXWELL, DR. JAMES D., b. Chesley, Ont, Mar. 18, 38; m. 63; c. 2. SOCIOLOGY. B.A., Toronto, 60, dipl. hosp. admin, 63; Can. Coun. fel. & Ph.D., Cornell, 69. ASST. PROF. sociol. orgs, faculty commerce & med. social, faculty med, British Columbia, 67-69; SOCIOL, QUEEN'S (ONT), 69- Am. Sociol. Assn; Can. Sociol. & Anthropol. Assn. Hospital administration; medical sociology; sociology of organizations; sociology of work and professions. Address: Dept. of Sociology, Queen's University, Kingston, Ont, Can.
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- MAY, PROF. FREDERICK EDWARD, b. Mannheim, Germany, Dec. 22, 25; U.S. citizen; m. 62; c. 4. MARKETING, ECONOMICS. B.A., Michigan, 49,



- M.B.A., 55, Ford Found. fel, 56-57, Ph.D.(bus. admin), 58. Asst. study dir. econ. behav. Surv. Res. Center, Michigan, 54-58, Instr. MKT, univ, 58-59; asst. prof, Missouri-Columbia, 59-62, assoc. prof, 62-67; vis. prof, Texas, Austin, 67-69; PROF, MISSOURI-ST. LOUIS, 69- U.S. Dept. Pub. Rds. & Mo. Hwy. Dept. grants, 60; Mo. Retail Assn. market, 64-65; Ford Found. res. prof, 65-66. Consult., U.S. Dept. Pub. Rds. & Mo. Hwy. Dept., 60-63. Expert witness, cnt. hwy. sts. & rds. Mo. House of Rep, 60; ways & means cmts. Mo. House of Rep. & Senate, 64. U.S.A., 44-46. Mkt. Assn. Consumer behavior; buying behavior; brand loyalty; conflict between business and public interest in controlling the environment, particularly air and water pollution. Publ. Promotion to the replacement market, Bus. & Govt. Rev, 3/63; Buying behavior: some research findings, J. Bus. Univ. Chicago, 10/65; Adoptive behavior in automobile brand choices, J. Mkt. Res., 2/69. Address: Dept. of Marketing, University of Missouri-St. Louis, St. Louis, Mo. 63121.
- MAY, RUSSELL (ARNELLE), JR. Industrial Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Naval Personnel & Training Research Lab, San Diego, Calif. 92152.
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- MAYHEW, DR. BRUCE HAGER, JR, b. Barboursville, Ky, Jan. 3, 37; m. 62. SOCIOLOGY. B.A. Kentucky, 61, M.A., 63, Ph.D.(sociol), 66. Asst. Prof. SOCIOLOGY, Washington State, 66-69; RES. ASSOC. VANDERBILT, 69-U.S.N., 54-57. A.A.A.S.; Sociol. Asn; Soc. Gen. Sys. Res. Mathematical models of social systems. Publ. Co-auth, Influence attempts and effective power, 68 & Behavioral measurement of operating power structures, 69, Sociometry: Differentiation, restraint, and the asymmetry of power, Human Rel., 69. Address: Box 1811, Station B, Vanderbilt University, Nashville, Tenn. 37203.
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- MAYNARD, DR. BETTY JANETTE, b. Bastrop, Tex, Sept. 28, 26. SOCIOLOGY. B.A. Baylor, 48; M.A. Stanford, 54; Ph.D.(sociol), Texas, Austin, 67. Secy. U.S. Info. Serv. U.S. Embassy, Managua, Nicaragua, 49-51, Paris, France, 51-53; job analyst, Fireman's Fund Ins. Co. 54-56; res. assoc. behav. sci. Stanford, 56-61; ASST. PROF. SOCIOLOGY, Texas, Austin, 66-68; SOUTHERN METHODIST, 68. Sociol. Asn. Pop. Asn. Asn. Population characteristics, especially labor force, migration and human ecology; methods of sociological research. Publ. Co-auth, Population trends in Texas, Pub. Affairs Comments, 5/62; auth, Population estimates for Texas counties, Tex. Bus. Rev., 3/68; co-auth, Prestige and socioeconomic rank of occupations, Soc. Sci. Quart., 9/69. Address: Dept. of Sociology, Southern Methodist University, Dallas, Tex. 75222.
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- METTESSEL, PROF. MILTON. Psychology. See 11th ed, Soc. & Behav. Vols., deceased 69.
- METOUR, DR. GILDAS EUGENE. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prog. dir., Narcotics Addict Rehabil. Act., Fed. Correctional Inst. Terminal Island, Calif., 70- Address: 15473 Milbank, Encino, Calif. 91316.
- METTEE, DR. DAVID ROBERT, b. Kansas City, Kans., Mar. 5, 39; m. 61; c. 3. SOCIAL PSYCHOLOGY. A.B., Taylor, 63; M.S., Ohio, 65; Nat. Sci. Found. fel. & Ph.D. (psychol.), Texas, 68. ASST. PROF. PSYCHOL., YALE, 67- Nat. Sci. Found. grant, 69-71. Psychol. Assn. Interpersonal attraction; study of change and resistance to change of the self-concept; aggression and humor; motivational and cognitive inference processes. Publ: Co-auth., Dishonest behavior as a function of differential levels of induced self-esteem, 68, co-auth., Evaluation of an aggressor as a function of exposure to cartoon humor, 69 & auth., Rejection of unexpected success as a function of the negative consequences of accepting success, 70, J. Personality & Soc. Psychol. Address: Dept. of Psychology, Yale University, New Haven, Conn. 06510.
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- METZGAR, DR. LEE H(OLLIS). Ecology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
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- MEYER, DR. CORNELIUS C, b. Buffalo, N.Y., Aug. 29, 42; m. 66. PHYSIOLOGICAL PSYCHOLOGY. B.A. State Univ. N.Y. Buffalo, 64; M.A., Conn. Col., 66; Ph.D. (physiol. psychol.), Waterloo, 68. ASST. PROF. PSYCHOL., QUINNIPAC COL., 68- Nat. Inst. Ment. Health grant, 70-73. AAAS; Animal Behav. Soc.; Psychol. Assn. Neural controls of preoccasional sex in chick; chemical brain stimulation; autoradiography; imprinting. Publ: 69-auth., Changes in fear generalization gradients as a function of delayed testing, J. Exp. Psychol., 66, Imprinting: reversal of a preference established during critical period, Nature, 67 & Reversibility of imprinting, J. Comp. Physiol. Psychol., 68. Address: Dept. of Psychology, Quinnipiac College, Hamden, Conn. 06518.
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- MEYERING, PROF. RALPH A, b. Istanbul, Turkey, June 23, 30; U.S. citizen; m. 56; c. 2. PSYCHOLOGY, EDUCATION. B.S., Mankato State Col., 52; M.A., Northwestern, 56; Ph.D. (counseling), Iowa, 61. Teacher, Am. Sch. for Boys, Turkey, 52-55; Central High Sch., Mich., 56-58; res. consult. Am. Girl's Col., Turkey, 60-61; asst. prof. dir. PSYCHOL., ILLINOIS STATE, 61-66, PROF., 66- Fulbright prof., Univ. Chelungang, 67-68; vis. prof., Univ. Sydney,



68. Psychol. Assn; Personnel & Guid. Assn; Ed. Res. Assn. Counseling theory, psychological and personality measurement; counselor education. Publ: Uses of test data in counseling, Houghton, 68; Another look at the expressed and measured interests of high school students, Guid. J, 67; The wonderland of counselor education, In: Professional problems in school counseling practice, Int. Textbook, 68. Address: Counselor Education Center, Illinois State University, Normal, Ill. 61761.
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- MICCIO, PROF. JOSEPH V, b. Brooklyn, N.Y., May 1, 15; m. 57; c. 2. MANAGEMENT, FINANCE. B.B.A., St. John's (N.Y.), 35; M.A., N.Y. Univ, 40, Ed.D.(bus), 65; LL.D., Fairleigh Dickinson, 63. Controller & dir. Aircooled Motors Inc, 45-50; controller airplane div, Curtiss-Wright Corp, 50-52; gen. mgr. & v.pres. electronics div, 52-54, pres. Wright aeronaut. div, 54-64, sr. v.pres. corp, 64-66; PROF. MGT, UNIV. HAWAII, 66, chmn. grad. prog. & assoc. dean, col. bus. admin, 67-69. Consult, Hawaii State Crime Prev. Cmt. & bus. corps, Mainland & Hawaii. Financial Exec. Inst; Soc. Adv. Mgt. Managerial controls; executive development training. Publ: Controls in data processing, Financial Exec, 6/67; Electronic data processing—controls and economics, J. Data Mgt, 5/67; Financial management in transition, J. Controllers & Financial Officers of Saving Insts, spring 68. Address: College of Business Administration, University of Hawaii, Honolulu, Hawaii 96822.
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- ning group, 59-62, head behav. sci. group, 62-65; vis. assoc. prof. PSYCHOL, Northwestern, 65-68; PROF, DePAUL, 68- Res. assoc. grad. prog. int. rels, Northwestern, 60-65, lectr. 69. Qu. C. U.S.N., 42-46. Fel. AAAS, fel. Psychol. Assn; Int. Studies Assn. Conflict, crises and their management; values; evaluative dependence as a personality trait; research methodology and its evaluation. Publ: What constitutes effective deterrence, J. Conflict Resolution, 59; The management of crises, In: Contemporary research in international crises, Princeton, 70; co-auth. Censure, approval, evaluative dependence and verbal learning, J. Personality & Soc. Psychol., 70. Address: 425 Linden St, Winnetka, Ill. 60093.
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- MILLER, DR. ROGER LEROY, b. Los Angeles, Calif, May 1, 43; m. 86; c. 1. ECONOMICS. A.B. California, Berkeley, 65; Nat. Sci. Found, Woodrow Wilson & Lilly fela. & Ph.D. econ, 68. Asst. consultant, Booz, Allen, Appl. Res, inc, 65-66; ASST. PROF. ECON, WASHINGTON (SEATTLE), 68- Econ. Asn; Economet. Soc; Statist. Asn. Econometrics; demand for labor; monetary theory; educational production functions. Publ: Applied econometrics, Wadsworth (in press); The reserve labor hypothesis, Econ. J, (in press). Address: Dept. of Economics, Guthrie Hall, University of Washington, Seattle, Wash. 98105.
- MILLER, DR. SPENCER, JR. American Government. See 11th ed, Soc. & Behav. Vols, deceased 68.
- MILLER, DR. STANLEY NORMAN. American History & Government. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- MILLER, PROF. VERGIL V. b. Eugene, Ore, Oct. 26, 29; m. 54; c. 2. BUSINESS ADMINISTRATION. B.A. Ore. State Col, 55; M.B.A. Washington (Seattle), 59; grant, San Jose State Col, 62; D.B.A. Oregon, 63. Asst. bus. Washington (Seattle), 59-59; instr. Oregon, 59-61; asst. prof. San Jose State Col, 61-62; Oregon State, 62-63; assoc. prof. bus. admin. East. Wash. State Col, 63-67, chmn. dept, 63-65; PROF. BUS. ADMIN. & DEAN SCH. SACRAMENTO STATE COL, 67- Participant, Int. Bus. Mach. Corp. Sch. for Dir. Digital Comput. Centers, Poughkeepsie, N.Y, 64; admin. dir. Digital Comput. Center, East. Wash. State Col, 64-65; consultant, Fall Creek Gravel Co, Ore, 60- Cascade Summit Construct. Co, summer, 63; Checchi & Co, D.C, 66-67. Assoc. prof. univ. & ed, Northwest Bus. Mgt, Oregon State, 65-67. Asst. Asn; Econ. Asn; Finance Asn. Managerial finance; business economics; economics; monetary and banking theory; theory of organization and management; statistics and quantitative decision theory; sociology and related subjects, especially human relations in industrial administration. Publ: Negative control versus positive motivation for attaining managerial goals, summer 65 & The cash budget—a method for planning future cash needs, fall 66, Northwest Bus. Mgt; co-auth, Capital budgeting: a modified approach to capital allocation, Mgt. Act, 3/69. Address: School of Business Administration, Sacramento State College, 6000 J St, Sacramento, Calif. 95819.
- MILLER, DR. WICK R. b. Albuquerque, N.Mex, Jan. 6, 32; m. 54; c. 2. ANTHROPOLOGY, LINGUISTICS. A.B. New Mexico, 53; Am. Coun. Learned Soc. fel, Michigan, summer 59; Ph.D. (ling), California, Berkeley, 62. Asst. res. linguist, Inst. Human Learning, California, Berkeley, 60-63; asst. prof. ANTHROPOLOGY, UTAH, 63-67, ASSOC. PROF, 67- Nat. Sci. Found. res. grant, 64-68. Anthropol. Asn, Ling. Soc. Am. Child language; social linguistics; Uto-Aztecan linguistics. Publ: Acoma grammar and texts, 65 & Uto-Aztecan cognate sets, 67, Univ. California; Anthropological linguistics in the Great Basin, In: The current status of anthropological research in the Great Basin, Univ. Nevada, 64. Address: Dept. of Anthropology, University of Utah, Salt Lake City, Utah 84112.
- MILLER, DR. WILLIS H (AMILTON). Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, 69. Address: 4366 Altamirano Way, San Diego, Calif. 92103.
- MILLIGAN, PROF. CHARLES S (TUART). Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- MILIKIAN, PROF. MAX F (RANKLIN). Economics. See 11th ed, Soc. & Behav. Vols, deceased 69.
- MILLMET, DR. CHARLES RAYMOND, b. New York, N.Y., May 17, 41; m. 67. CLINICAL PSYCHOLOGY. B.A. Hunter Col, 63; M.A. Miami (Ohio), 65; Ph.D. (psychol), Okla. State, 68. ASST. PROF. PSYCHOL, NEBRASKA, OMAHA, 68- Consult, dept. psychiat, sch. med, Creighton, 70- Psychol. Asn. Relationship and assessment of anxiety and defense. Publ: The manifest anxiety-defensiveness scale: the first factor of the MMPI revisited, Psychol. Reports, (in press). Address: Dept. of Psychology, University of Nebraska at Omaha, Omaha, Nebr. 68101.
- MILLMAN, DR. HOWARD L (OUI). Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir. psychol. serv, 69- Children's Village, Dobbs Ferry, N.Y. 10522.
- MILLON, PROF. THEODORE. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. psychiat. & dir. 70- Division of Psychology, University of Illinois College of Medicine, 912 S. Wood St, Chicago, Ill. 61801.
- MILLS, DR. DANIEL QUINN, b. Houston, Tex, Nov. 24, 41. ECONOMICS. B.A. Ohio Wesleyan, 63; M.A. Harvard, 65, Ph.D. (econ), 68. Instr. econ, Harvard, 67-68; ASST. PROF. INDUST. RELS. MASS. INST. TECH, 68- Res. assoc. pub. policy, Harvard, 68- Expert, Off. of Secy, U.S. Dept. Labor, 69- Econ. Asn; Indust. Rel. Res. Asn. Industrial relations and manpower training; wage theory; economics of construction and housing. Publ: Co-auth, Manpower in construction, Govt. Printing Off, 69. Address: Dept. of Industrial Relations, E52-453B, Massachusetts Institute of Technology, Cambridge, Mass. 02139.
- MILLS, DR. DAVID HARLOW. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. psychol. & asst. dir, 69- Counseling Center, University of Maryland, Shoemaker Bldg, College Park, Md. 20742.
- MILLS, DR. EDWARD KENNETH, JR. b. Ogden, Utah, June 10, 26; m. 50; c. 4. PSYCHOLOGY. B.S. Utah, 49, M.S. 60, Ph.D. 69. Teacher, pub. schs, Spokane, Wash, 52-53; instr. psychol. Univ. Maryland, Japan, 53-54; human engr. & liaison officer, Ramo-Woolridge Labs, 60-61; assoc. prof. psychol. U.S. Air Force Acad, 61-66; instr. Univ. Maryland, Vietnam, 66-67; chief psychol. opera, civic action dept, U.S. Air Force Spec. Air Warfare Sch, 67-69; ASST. PROF. & ASSOC. DIR. INST. HUMAN DEVELOP, NORTHERN ARIZONA, 69- Polit. warfare adv, Vietnamese Air Force & adv, Vietnamese Nat. Develop. Prog, 66-67. U.S.N. 44-46; U.S.A.F, 51-59, Lt. Col. Psychol. Asn; Soc. Int. Develop; Nat. Coun. Family Rel. Educational psychology; learning theory; national development; conflict theory; clinical psychology; family life studies; social psychology. Publ: Function of level of awareness on problem solving; Predicting academic and officer performance of the U.S. Air Force Academy class of 1959. Address: Box 5860, Northern Arizona University, Flagstaff, Ariz. 86001.
- MILLS, DR. EUGENE S (UMNER). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also asst. v. pres, 70-, University of New Hampshire, Thompson Hall, Durham, N.H. 03824.
- MILLS, DR. JOE D. b. Charlotte, N.C, June 14, 23; m. 50; c. 4. SOCIOLOGY. B.A. North Carolina, 47; M.A. Wisconsin, 51, Ph.D. (sociol), 54; B.D. Seabury West. Theol. Sem, 59- Asst. prof. Sociol, Mich. State, 51-55; Fulbright res. scholar, Vienna, 55-56; asst. rector, Christ Episcopal Church, Dearborn, Mich, 59-61; rector, St. Stephen's Church, Cincinnati, Ohio, 61-68; ASSOC. PROF. SOCIOL, SEATTLE, 68- Lectr, Kendall Col, 57-59; vis. asst. prof, Cincinnati, 62-67; summer, lectr, Miami (Ohio), 62. U.S.A.A.F, 43-45, Sgt. Sociol. Asn; Soc. Sci. Study Relig. Social change; urban sociology; social psychology; occupational sociology. Address: Dept. of Sociology, Seattle University, Seattle, Wash. 98122.
- MILLS, DR. RICHARD L (EWIS). Economics, Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also asst. dean, 68-, Whittemore School of Business & Economics, University of New Hampshire, Durham, N.H. 03824.
- MILLS, DR. THEODORE M (ASON). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. & chmn, 68-, Dept. of Sociology, State University of New York at Buffalo, 4224 Ridge Lea, Amherst, N.Y. 14226.
- MILNE, PROF. DAVID S (PENCER). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: No longer chmn. div. soc. sci, San Diego State Col. Address: Dept. of Sociology, San Diego State College, San Diego, Calif. 92115.
- MILSTEIN, DR. JEFFREY STEPHEN, b. Denver, Colo, Dec. 24, 39; m. 63; c. 1. POLITICAL SCIENCE. A.B. Columbia, 62; M.A. Stanford, 65, Ph.D. (polit. sci), 70. ASST. PROF. POLIT. SCI, Mich. State, 68-69; YALE, 69- Consult, off. nat. security studies, aerospace sys. div, Bendix Corp, 69- Am. Polit. Sci. Asn; Peace Res. Soc. (Int); Int. Studies Asn. International relations and conflict; foreign and military policy making; content and statistical analysis; mathematical modeling; computer simulation; measurement and scaling of events; Vietnam War; Arab-Israeli conflict; Soviet-American arms race; international cooperation for population planning and control. Publ: Co-auth, Scaling data on inter-nation action, Science, 5/67 & Dynamics of the Vietnam conflict, 1965-1967: a quantitative analysis and predictive computer simulation, Papers of Peace Res. Soc. (Int), 68; An educational experiment, In: Computers and policy-making community, Prentice-Hall, 68. Address: Dept. of Political Science, Yale University, New Haven, Conn. 06520.
- MINDEN, DR. ARLO J. b. Strom Lake, Iowa, Jan. 25, 41; m. 61; c. 3. AGRICULTURAL ECONOMICS, MANAGEMENT SCIENCE. B.S. Iowa State, 62, M.S. 63, Ph.D. (agr. econ), 65. Short course officer adult ed, Iowa State, 62-64; res. assoc. agr. econ, 64-65; res. economist, Fla. State Citrus Cmn, 65-66; asst. prof. AGR. ECON, PURDUE, 66-69, ASSOC. PROF, 69- Agr. Econ. Asn; Econ. Asn. Firm growth strategy, computerized management decision making. Publ: Quadratic programming: an approach to allocating primary product stocks among alternative final product forms, South. J. Bus. 4/67; Dynamic programming: a tool for farm firm growth research, Can. J. Agr. Econ, 6/68; A systems approach to planning long-range marketing programs, Am. J. Agr. Econ, Vol. 50, No. 5; plus others. Address: Dept. of Agricultural Economics, 621 Kramert Bldg, Purdue University, Lafayette, Ind. 47907.
- MINER, PROF. ROBERT B (RADFORD). Marketing. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: College of Administrative Science, Ohio State University, 1775 S. College Rd, Columbus, Ohio 43210.
- MINGO, DR. JOHN J (ERALD), b. Norristown, Pa, Feb. 1, 43; m. 66; c. 1. ECONOMICS. B.A. Yale, 65; Ph.D. (econ), Brown, 70. ASST. PROF. ECON, & DIR. CENTER ECON. DEV, MONTANA, 69- Exec. dir, Mont. State Coun. Econ. Dev, 70- Econ. Asn; Economet. Soc. Economic growth; international trade; macroeconomics; Public Capital imports and two-sector growth in a small country, West. Econ. J, 9/70. Address: Dept. of Economics, University of Montana, Missoula, Mont. 59801.
- MINKE, DR. KARL ALFRED, JR. b. Piqua, Ohio, Feb. 28, 40; m. 63; c. 1. PSYCHOLOGY. B.S. Arizona State, 61; Ph.D. (ed. psychol), Wisconsin, 68. ASST. PROF. PSYCHOL, HAWAII, 68- Psychol. Asn. Complex human behavior; verbal behavior; behavior modification; experimental analysis of behavior. Publ: Co-auth, A reinforcer system and experimental procedure for the laboratory study of reading acquisition, Child Develop, 64, Reinforcement variables in the control of unit reading responses, J. Exp. Anal. Behav, 64 & Cognitive behavior modification: motivated learning reading treatment with suboptimal therapy-technicians, Behav. Res. & Ther, 67. Address: Dept. of Psychology, University of Hawaii, Honolulu, Hawaii 96822.
- MINKEL, PROF. CLARENCE W (ILBERT). Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also assoc. dean, 68-, Graduate School, Michigan State University, East Lansing, Mich. 48823.
- MINNEMAN, DR. P (AUL) (GEORGE). Agricultural Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Consult, 69-, Foreign Agricultural Service, U.S. Dept. of Agriculture, Washington, D.C. 20250.
- MINTZ, PROF. ILSE. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Adj. prof, Catholic Univ, 69- Address: 4201 Cathedral Ave, Washington, D.C. 20016.



- MINTZ, DR. JEROME RICHARD, b. Brooklyn, N.Y., Mar. 29, 30; m. 55; c. 2. ANTHROPOLOGY, FOLKLORE. B.A. Brooklyn Coll., 52. M.A., 55; univ. fel. Indiana, 59; Littauer fel., 60; Ph.D. (folklore, anthropol.), 61. Lectr. folklore, New Sch. Soc. Res., 60; instr. Eng. Ohio State, 60-61; asst. prof. FOLKLORE, INDIANA, BLOOMINGTON, 62-66, ASSOC. PROF., 66- Indiana Univ. res. grants, 63, 64, 67 & 68; Ford Found. fel., 65-66. Consult. Am. Philos. Soc., summers 62 & 68. Anthropol. Assn. Folklore Soc. Anthropological folklore; religious sects and revitalization movements; Mediterranean culture. Publ: Co-auth, Using American English, Harper, 64; auth, Legends of the Hasidim, an introduction to their culture and oral tradition in the New World, Univ. Chicago, 68; co-auth, In praise of the Besht, Indiana, 69. Address: Folklore Institute, Indiana University, 714 E. 8th Bloomington, Ind. 47401.
- MINTZ, DR. NORMAN (NELSON). Economics. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Asst. prof., 69-, Dept. of Economics, Columbia University, New York, N.Y. 10027.
- MINTZBERG, DR. HENRY, b. Montreal, Que., Sept. 2, 39; m. 63; c. 1. MANAGEMENT. B.Eng. McGill, 61; B.A. Sir George Williams, 62; S.M. Mass. Inst. Tech., 65; Ford Found. fel., 67, Ph.D. (mgmt), 68. Opera. res. analyst, Can. National, 61-63; asst. prof. MGT. MCGILL, 68-70, ASSOC. PROF., 70-Inst. Mgt. Sci. Managerial work; programming the decision-making and strategy-making process; development of theory of management policy. Publ: The science of strategy-making, Indust. Mgt. Rev., 67; co-auth, The planning dilemma, Mgt. Rev., 68; auth, Structured observation as a method to study managerial work, J. Mgt. Studies, 70. Address: Faculty of Management, Purvis Hall, McGill University, Montreal, Que., Can.
- MIRACLE, PROF. MARVIN P(RESTON). Economics. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New information: Also chmn., 69-, African Studies Program, University of Wisconsin, Madison, Wis. 53706.
- MIRAKHOR, DR. ABBAS, b. Tehran, Iran, July 1, 41; m. 65; c. 1. ECONOMICS. B.A. Kansas State, 65, M.A., 66, Ph.D. (econ), 69. ASST. PROF. ECON. ALABAMA, HUNTSVILLE, 68-, CHMN. DEPT., 70- Agr. Econ. Asn.; Econ. Asn.; Economet. Soc.; Inst. Decision Sci. Econometrics and mathematical economics problems; application of econometric methods to economic problems. Publ: Co-auth, The importance of farm sector in the economy: a multiplier approach, 11/68 & Mysterious multiplier: comment, 8/69, Am. J. Agr. Econ.; co-auth, Utilitarian basis for optimum savings, Indus. J. Econ., 7/69. Address: Dept. of Economics, University of Alabama, Huntsville, Ala. 35807.
- MIRIN, DR. LINDA S. Economics, Political Science. See KOENIG, DR. LINDA MIRIN, this Suppl.
- MISEY, DR. EDWARD GABRIEL. Public Law, Government. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position: Spcl. asst. to legal adv., Dept. of State, 69-. Address: 3263 Beech St. N.W., Washington, D.C. 20015.
- MISHKIN, DR. DAVID J(OEL), b. New York, N.Y., Jan. 29, 37. FINANCE, ECONOMICS. B.A. Queens Coll., 58; A.M. Columbia, 60; Nat. Sci. Found. fel. Illinois, 64; Eli Lilly Endowment fel., 65, H.E. Earhart fel. & Ph.D. (econ. & finance), 66. Investment analyst, R.C. & Co., Inc. 60-61; dir. res. Standard Prudential Corp., 62-66; dir. strategic planning, Investors Diversified Serv., Inc. 66-67; V.PRES. INTERPLAN INC., 67; ASSOC. PROF. FINANCE, FORDHAM, 69- Nat. Assn. Bus. Econ.; Finance Asn.; Econ. Asn.; Statist. Assn. Corporate finance and the innovation of financial instruments. Publ: The credit rationing artifact in light of an expanded price rationing theory. Am. Economist, winter 64. Corporate mergers: past, present and future. Commercial & Financial Chronicle, 10/66 & Financial innovation: a review and forecast, Financial Exec., 10/68. Address: Dept. of Finance, Fordham University, Bronx, N.Y. 10458.
- MISHKIN, PROF. PAUL J. Law. See 5th ed. Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- MISNER, DR. GORDON EUGENE. Criminology, Political Science. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position: Vis. prof. & acting dir. admin. Justice, prog. 70-, University of Missouri, 8001 Natural Bridge Rd, St. Louis, Mo. 63121.
- MISSHAUK, DR. MICHAEL J., b. Sept. 9, 39; U.S. citizen. ORGANIZATIONAL BEHAVIOR. B.S. Manhattan Coll., 61; M.B.A. Mich. State, 63; grant, Pa. State, 66-67; Ph.D. (mgmt), Ohio State, 67. Sys. engr. Am. Bosch Arms Corp., 61-62; indust. engr. Int. Bus. Mach. Corp., 64; ASST. PROF. MGT, Pa. State, 66-68; SOUTHERN CALIFORNIA, 68- Consult. bus. develop. prog. bus. corps, Los Angeles, 68-69. Soc. Adv. Mgt. Mgt. Asn. Simulation as a tool in understanding small group behavior through use of structure, feedback and information variations; leadership style influence on satisfaction, motivation and performance of various employee groups. Publ: Co-auth, Studies in organizational behavior and management, rev. ed. Int. Textbook, 70; co-auth, A comparative analysis of high and low producing employees' satisfaction with selected environmental factors, Personnel J., 3/69 & Job satisfaction and productivity: how do environmental work factors influence these variables, Personnel Admin., 1/70. Address: 999 N. Doherty Dr, West Los Angeles, Calif. 90069.
- MITCHELL, DR. CARL, b. Santa Paula, Calif., July 29, 26; m. 53; c. 3. PSYCHOLOGY & RELIGION. B.A. Pepperdine Coll., 49, M.A., 63; dipl. Florence, 60; Ph.D. (ed. psychol.), Southern California, 67. Minister & missionary, Churches of Christ, 50-65; ASSOC. PROF. RELIG. & PSYCHOL., PEPPERDINE COLL., 65-68; U.S. Off. Ed. Proj. Potential, Southern California, 65-67. Adj. Gen. C. U.S.A., 44-46. Creativity and values; value systems of high and low creative junior high students in the Los Angeles area. Address: Dept. of Religion, Pepperdine College, 1121 W. 79th St., Los Angeles, Calif. 90044.
- MITCHELL, DR. DANIEL J. B., b. Brooklyn, N.Y., Sept. 7, 42; m. 66. ECONOMICS. A.B. Columbia, 64; Ph.D. (econ), Mass. Inst. Tech., 68. ASST. PROF. INDUST. RELS. & BUS. ECON. GRAD. SCH. BUS. ADMIN. CALIFORNIA, LOS ANGELES, 68- Econ. Asn.; Indust. Rels. Res. Asn. Labor and international economics. Publ: A simplified approach to incomes policy, Indust. & Labor Rels. Rev., 7/69; Some aspects of labour mobility and recent policy in Britain, Brit. J. Indust. Rels., 11/69. Address: Graduate School of Business Administration, University of California, 405 Hilgard Ave, Los Angeles, Calif. 90024.
- MITCHELL, DR. DONALD W(ILLIAM). Political Science, History. See L-Z Vol. 11th ed. Soc. & Behav. Vols. Change of address: 21 Grim Dr, Kirkville, Mo. 63501.
- MITCHELL, DR. GARY D., b. Keene, N.H., May 4, 40; m. 60; c. 3. PSYCHOLOGY. B.A. New Hampshire, 63; Woodrow Wilson fel., Wisconsin, 63-64, Nat. Insts. Health fel., 64-66, Ph.D. (psychol.), 66. Res. asst. neuropsychiat, Arthur P. Noyes Inst., 61-63; prof. assoc. psychol., Wisconsin, 64-67; ASST. PROF. PSYCHOL. CALIFORNIA, DAVIS, 67, ASST. RES. PSYCHOLOGIST, 69- Asst. res. psychologist, Nat. Center Primate Biol. Calif., 67-69, collab. Investr., 69-; Nat. Inst. Ment. Health grants, 69- Psychol. Asn.; Animal Behav. Soc.; Int. Soc. Develop. Psychobiol. Comparative psychology; effects of early experience; primate behavior; child psychology; social isolation; early exposure. Publ: Paternalistic behavior in primates, Psychol. Bull., 68. Abnormal behavior in primates, In: Primate behavior, Acad. Press, 70; Comparative development of social and emotional behavior, In: Perspectives in animal behavior, Scott, 71. Address: Dept. of Psychology, Young Hall, University of California, Davis, Calif. 95616.
- MITCHELL, DEAN HERBERT HALL, b. New Market, Ala., Dec. 10, 16; m. 42 c. 4. BUSINESS ADMINISTRATION, ECONOMICS. B.S. Alabama, 39, M.S., 50; Ph.D. (econ), North Carolina, 54. Asst. to dean men, Alabama, 39-42, asst. dean men, 42-43, asst. to dean students, 46-48; instr. econ. & bus. admin., North Carolina, 48-51; asst. prof., Auburn, 51-55, assoc. prof., 55-66; prof. bus. admin. & head dept., Miss. State, 56-60; VA. POLYTECH. INST., 60-61, PROF. BUS. ADMIN. & DEAN COLL. BUS., 61- Found. Econ. Ed. fel., Chicago, 56; participant, Forum on Finance, New York, 59; lectr. & consult, N.A.A. 67; consult, U.S. Post. Off. Dept. 68. U.S.A. 43-46, Res. 46-, Col. Finance Asn. Banking and finance. Publ: A forgotten institution—private banks in North Carolina, N.C. Hist. Rev., 1/58; Banking oddities in North Carolina, South. Banker, 3/60; Community development—the foundation for attracting industry, Proc. Community Develop. Workshop, Va. Polytech. Inst., 63. Address: 1406 Highland Ave, Blacksburg, Va. 24060.
- MITCHELL, DR. HOWARD E(STILL). Psychology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New information: Also dir., 68-, Human Resources Center, University of Pennsylvania, 3810 Walnut St, Philadelphia, Pa. 19104.
- MITCHELL, DR. LISLE S., b. Mansfield, Ohio, Feb. 11, 31; m. 58; c. 2. GEOGRAPHY. B.S. Ohio State, 61, M.A., 63, Ph.D. (geog), 67. Draftsman, Martin Steel Prod. Corp., 52-54; Dom. Elec. Corp., 56-57; Porter, Ugart, McCarty & O'Neil, 57-58; asst. GEOG. Ohio State, 62-63, asst. instr., 63-64, instr., 64-65; SOUTHERN CAROLINA, 65-67, ASST. PROF., 67- Endowment Nat. Sci. Found. grant to attend inst., Ohio State Univ., 69. Nat. Sdowment for Humanities & Ford Found. grant to attend inst., Northwestern Univ., 69. Pace Setter award, 65. U.S.A. 54-56. AAAS; Asn. Am. Geog. Nat. Coun. Geog. Ed.; Regional Sci. Asn. Urban recreation; urban and economic geography; local area analysis. Publ: Recreational geography: evolution and research needs, Prinl. Geog., 3/69; co-auth, Attendance as a negative function of distance, Great Smoky Mountains national park campgrounds, Southeast, 6/69; auth, Toward a theory of public urban recreation, Proc. Asn. Am. Geog., 69. Address: Dept. of Geography, University of South Carolina, Columbia, S.C. 29208.
- MITCHELL, DR. LONNIE EDWARD. Psychology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position: V.pres., Univ. Res. Corp., Wash. D.C. 68- Address: 312 Beaumont Rd, Silver Spring, Md. 20904.
- MITCHELL, LOUISE PEARSON. American History, African Studies. See 5th ed. Dir. Am. Scholars, Vol. I, Hist.
- MITCHELL, DR. ROBERT D., b. Motherwell, Scotland, Apr. 26, 40; m. 65. GEOGRAPHY. M.A. Glasgow, 62; California, Los Angeles, 62-64; Ph.D. (geog), Wisconsin, 69. Instr. GEOG. San Fernando Valley State Coll., 65-66, asst. prof., 68-69; vis. lectr., California, Irvine, 68; ASST. PROF. MARYLAND, 69; faculty res. grant, 69-70. Lectr., Maryland, summer 66. Asn. Am. Geog.; Am. Geog. Soc. Historical geography of North America, especially the Colonial period; American frontier. Address: Dept. of Geography, University of Maryland, College Park, Md. 20742.
- MITCHELL, PROF. ROBERT JEFFERY, b. Wichita Falls, Tex., June 22, 39; m. 60; c. 3. SPECIAL EDUCATION, PSYCHOLOGY. B.S. Educ., Cent. State Coll. (Okla.), 62; M.Ed., Oklahoma, 63. U.S. Dept. Health, Ed. & Welfare fel., 63-65, Ph.D. (spec. ed.), 65. Teacher, pub. sch., Okla. 62-63; PROF. SPEC. ED., NORTHEAST MO. STATE COLL., 65- Psychologist, Northeast Mo. Ment. Health Clin., Kirksville, 65-66; sch. psychologist, Schuyler County Mo. Title I Proj., 66-; dir. psychol. serv. & bd. mem. policy adv. cmt., Kirksville Head Start Proj., 66-; dir. psychol. serv., Quince Head Start, Inc., 67-; bd. mem., Community Opportunity, Inc., Kirksville, 67- Psychol. Asn.; Asn. Ment. Deficiency. Nature and structure of human intellectual function with emphasis on clinical aspects. Address: Dept. of Special Education, Northeast Missouri State College, Kirksville, Mo. 63501.
- MITCHELL, DR. STEPHEN ROBERT. Constitutional Law. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position: Asst. chancellor, 69-, University of Wisconsin-Parkside, Kenosha, Wis. 43140.
- MITCHELL, DR. TERENCE R., b. Chicago, Ill., Jan. 13, 42. PSYCHOLOGY. B.A. Duke, 64; dipl. pub. admin., Exeter, 65; M.A., Illinois, 67, Ph.D. (psychol.), 69. Instr. psychol., Illinois, 68-69; ASST. PROF. MGT. & ORGN. & PSYCHOL., WASHINGTON (SEATTLE), 69- Psychol. Asn. Application of social psychology to industrial and business settings; leadership work. Publ: Co-auth, Diffusion of the effects of cultural training of the leader in the structure of heterocultural task groups, Australian J. Psychol., 69 & Cultural differences in reaction to failure, Int. J. Psychol., 69; auth, Construct validity of three dimensions of leadership, J. Soc. Psy-

- chol, 1/70. Address: Dept. of Administration & Psychology, School of Business, University of Washington, Seattle, Wash. 98105.
- MITCHELL, DR. VANCE F. b. Baltimore, Md. Mar. 30, 23; m. 45; c. 2. PSYCHOLOGY, BUSINESS ADMINISTRATION. B.S. Maryland, 57; M.B.A. George Washington, 58; Ph.D. (bus. psychol.), California, Berkeley, 67. Instr. & asst. to dean schs. bus. admin. California, Berkeley, 64-67; ASSOC. PROF. ORGN. BEHAV. BRITISH COLUMBIA, 67- Staff mem. Banff Sch. Adv. Mgt, 67. U.S.A.F. 42-63, Lt. Col. Psychol. Asst. Indust. Rels. Res. Asst. Acad. Mgt. Managerial motivation: attitude studies; occupational perceptions; need satisfactions and role perceptions of military officers and noncommissioned officers. Publ: Co-auth. Comparative study of need satisfactions in military and business hierarchies, 67; Comparative managerial role perceptions in military and business hierarchies, & auth. Need satisfactions of military commanders and staff officers, (in press), J. Appl. Psychol. Address: Faculty of Commerce & Business Administration, University of British Columbia, Vancouver 8, B.C., Can.
- MITCHELL, DR. WILLIAM EDWARD. Anthropology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Ph.D. (anthrop.), Columbia, 69. Assoc. prof., 69-, Dept. of Psychiatry, University of Vermont, College of Medicine, Burlington, Vt. 05401.
- MITTLEBEELER, PROF. EMMET (AUGHN). Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Vis. prof. inst. admin. Univ. Ife, Nigeria, 69- Address: School of Government & Public Administration, American University, Massachusetts & Nebraska Ave, N.W., Washington, D.C. 20016.
- MITTRA, PROF. SID. Economic Development. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. & chmn., 69-, Dept. of Economics, Oakland University, Rochester, Mich. 48063.
- MITZMAN, DR. ARTHUR. History, Sociology. See 12th ed, Phys. & Biol. Vols.
- MITZNER, DR. MORRIS. b. New York, N.Y. June 1, 14; m. 35; c. 5. SOCIOLOGY. B.S.S. City Col. New York, 43; fel. Emory, 62, M.A., 64, Ph.D. (sociol), 68. ASSOC. PROF. SOC. SCI, GA. INST. TECH, 61- Indust. Rels. Res. Asst. Sociol. Asst. Acad. Polit. Sci. Social psychology; complex organization. Address: 1307 N. Highland Ave. N.E., Atlanta, Ga. 30306.
- MOBERLY, DR. HOWARD DEAN, b. Dahlart, Tex. Feb. 5, 34; m. 59. AGRICULTURAL ECONOMICS. B.S. Abilene Christian Col., 60; M.S., Texas Tech, 65; Ph.D. (agr. econ), Texas A&M, 68. Res. asst. agr. econ, Texas Tech, 63-64; Texas A&M, 64-68; ASST. PROF. ECON. S.DAK. STATE, 68- U.S.A.F. 53-57. Econ. Asst. Agr. Econ. Asst. Soc. Range Mgt. Farm and ranch economics, especially efficient resource allocation. Publ: Co-auth. Production and production requirements, costs and expected returns for midland bermuda grass—high plains of Texas, Tex. Agr. Exp. Stat., 65. Address: Dept. of Economics, South Dakota State University, 207 S. Nike Site, Ellsworth Air Force Base, S.Dak. 57706.
- MOBIUS, DR. J. MARK, b. North Bellmore, N.Y. Aug. 15, 36. SOCIAL PSYCHOLOGY, ECONOMIC DEVELOPMENT. B.F.A. Boston, 58. M.S. 59. Nat. Methodist scholar. & univ. grant, 60; Ph.D. (social psychol.), Mass. Inst. Tech., 64. Consult. Itek Corp., 61-62; Raytheon Corp., 62-63; vis. scholar, Brookings Inst., 64; res. coordinator, Int. Res. Assoc., 65; res. scientist, Am. Insts. Res., 66-68; res. mgr. mkt. res. Monsanto Overseas Enterprise Co., 68-69; MANAGING DIR. CORAL, INC., 69- Sociol. Asst. Am. Psychol. Asst. Polit. Sci. Asst. Econ. growth, especially market development, scientific management and psychological factors affecting industrialization. Publ: The non-television household, J. Broadcasting, spring 60; Korean public opinion and the normalization of relations with Japan, Journalism Quart., autumn 65. Address: P.O. Box K-1311, Hong Kong.
- MOCK, DR. JOE (FALLWELL). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also assoc. dir. Community Ment. Health Center, Inc. Address: 93 N. Edgemont Rd, Huntington, W.Va. 25701.
- MODIANO, DR. NANCY, b. New York, N.Y. Sept. 21, 30. EDUCATIONAL ANTHROPOLOGY. B.S. N.Y. Univ., 51; M.A., 56; Ida M. Bowman fel. & Off. Ed. grant, 64, Ph.D. (elem. ed), 66. Suprv. group work, Bronx House, 55-56; teacher elem. grades, New Lincoln Sch., 56-59; Am. Sch. Mexico City, 59-60; res. asst. chld. Asst. Econ. growth, especially market development, scientific management and psychological factors affecting industrialization. Publ: The non-television household, J. Broadcasting, spring 60; Korean public opinion and the normalization of relations with Japan, Journalism Quart., autumn 65. Address: P.O. Box K-1311, Hong Kong.
- MODGLIANI, DR. VITO, b. Rome, Italy, Aug. 28, 36; m. 66; c. 1. EXPERIMENTAL PSYCHOLOGY. Dr. Physics, Rome, 60; Ph.D. (psychol.), Wayne State, 69. Res. assoc. nuclear physics, Ital. Nat. Cmt. Nuclear Energy, 61-63; Texas, Austin, 64; asst. part-time, Wayne State, 65-69; ASST. PROF. PSYCHOL., WESLEYAN, 69- Cognitive processes. Publ: Co-auth. Response meaningfulness in paired associates, 67; Conservation of meaning as a factor in forgetting new associations, 68 & auth. Evaluation of a model relating Thorndike-Lorge frequency and m to learning, 69, J. Exp. Psychol. Address: Dept. of Psychology, Wesleyan University, Middletown, Conn. 06457.
- MODRICK, DR. JOHN (ANTHONY). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Scientist, 69-, Applied Science Associates, Inc, Box 156, Valencia, Pa. 16059.
- MOE, PROF. EDWARD (QWEN). Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Exec. dir., 68-, Division of Community & Urban Development, University of Utah, P.O. Box 200, Salt Lake City, Utah 84110.
- MOE, DR. RONALD C. b. San Diego, Calif., May 28, 37; m. 62; c. 2. POLITICAL SCIENCE. B.A. Claremont Men's Col., 59; M.A., Columbia, 62, Ph.D. (polit. sci.), 68. Lectr. POLIT. SCI., Rutgers, 65-66; City Univ. New York, 66-67; ASST. PROF. SAN DIEGO STATE COL., 67- Lectr. Columbia, 66-67. Res. consult. Republican Nat. Cmt., 60. Intl. C., U.S.A., 59-66, Capt. Acad. Polit. Sci. Pol. Sci. Asst. Legislative process; public administration; political parties. Publ: Co-auth. American government and politics: selected readings, C.E. Merrill, 70; auth. The New York constitutional convention of 1915, Proc. Acad. Polit. Sci., 1/67; co-auth. Congress as policymaker: a necessary reappraisal, Polit. Sci. Quart., 9/70. Address: 6808 Bonnie View Dr., San Diego, Calif. 92119.
- MOECKEL, DEAN BILL R. b. Pekin, Ill., Sept. 2, 25; m. 46; c. 3. MANAGEMENT. B.S. Illinois, 48, M.S., 49, fel. 51-53, Ph.D. (bus.), 53. Asst. sch. journalism, Illinois, 49; instr. mkt. Missouri, 49-51; asst. prof. bus. admin. Ga. State Col. Bus. Admin., 53-54; assoc. prof. & assoc. dean, Ohio State, 54-67; DEAN, SCH. BUS. ADMIN., MIAMI (OHIO), 67- Mem. Columbus Chamber Commerce Res. & Develop. Cmt., 63-65; adv. coun. Aerospace Res. Appln. Center, 64-66. U.S. Air Force citation, 60. U.S.A. 43-46, 5/67. Acad. Mgt. Address: School of Business Administration, Miami University, Oxford, Ohio 45056.
- MOERK, DR. ERNST, b. Gallbrunn, Austria, Mar. 10, 37. PSYCHOLOGY. Ph.D. (psychol.), Innsbruck, 64. Staff psychologist, Infratest, 64-65; Landeskrankenhaus Heiligenhafer, 65-66; res. fel. clin. psychol., Mt. Sinai Hosp., 66-67; ASST. PROF. DEVELOP. PSYCHOL., FRESNO STATE COL., 67- Psychol. Asst. Psycholinguistics; developmental psychology; problems of the culturally deprived child. Publ: Quantitative analysis of writing styles, J. Ling., 11/70. Address: Dept. of Psychology, Fresno State College, Fresno, Calif. 93726.
- MOFFETT, DR. WILLIAM ANDREW. British History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- MOFIELD, DR. WILLIAM RAY, b. Hardin, Ky. July 3, 21; m. 53; c. 1. SPEECH, JOURNALISM. A.B. Murray State, 43; Northwestern, 45; Columbia Broadcasting Co. News fel. & M.A., Columbia, 58; Ph.D. (speech), Southern Illinois, 64; LL.D. Magic Valley Christian Col. Idaho, 62. Teacher high sch., Ill., 44-45; mgr. broadcasting, WPAD-AM-FM, Paducah, Ky. 45-59; teacher-dir. Southern Illinois, 59-64; asst. to pres. admin. MURRAY STATE, 64-68. CHMN. DEPT. COMMUN. 68- Consult. Elem. Sch. Ed. Act, 66- U.S.N.R., 42-43. Speech Asst. Am. Asn. Ed. Journalism. Broadcast audience surveys; published brochures; economic development. Publ: FM capital of the world, Young, 49; Development of an area by tourism, Ky. Dept. Parks, 65; Benton's big singing, Mayfield Messenger Co., 69. Address: Dept. of Communications, Murray State University, Murray, Ky. 42071.
- MOHAMED, DR. HAROLD, b. Sioux Falls, S.Dak., Jan. 23, 32; m. 61; c. 3. URBAN & TRANSPORTATION GEOGRAPHY. B.S. Indiana State, 57; Transportation Center fel., Northwestern, 57-58, M.S., Ph.D. (geog), 67. Cartog. asst., Off. Naval Res. study, 58-59; instr. geog., Elmhurst Col., 60-64, asst. prof. & chmn. dept., 64-67; asst. prof. geog. & dir. instr. res., NORTHWEST. ILL. STATE COL., 67-70, ASSOC. PROF. GEOG. & ASST. V. PRES. AM. AF. FAIRS, 70- Kroger Co. study, 58-59; teaching asst., Northwestern, 58-61; Fair Store Corp. at Old Orchard study, 60-61. Asn. Am. Geog. Pop. Coun. Am. Asn. Instrnl. Res. Research on present-day housing patterns and projection for the future for the city of Elmhurst, Illinois. Publ: Co-auth. The Beloit study, a study of enrollment trends, building needs and curriculum, 60, Stuckey Township school district No. 111, a study of enrollment trends and building needs, 62 & A re-study of the population and enrollment trends in Bloom Township high school district, 62, Northwestern Univ. Ed. Consult. Serv. Address: Northeastern Illinois State College, 5500 N. St. Louis Ave, Chicago, Ill. 60625.
- MOIR, JOHN BROWNLEE, b. Detroit, Mich., July 25, 25; m. 58; c. 2. CLINICAL PSYCHOLOGY, SOCIOLOGY. B.S. Wayne, 51, M.A., 53; Purdue, 62. Res. assoc. psychol., Wayne, 53-54; CLIN. PSYCHOLOGIST, Wayne County Clin. Child Study, Mich., 54-56; Beatty Mem. Hosp., Westville, Ind., 56-61; SOUTH OAKLAND CHLD GUID. CLIN. 61-; DR. PSYCHOL. DEPT., NORTHVILLE STATE HOSP., MICH. 61- U.S.N., 43-45. Psychol. Asn. Alcoholism; juvenile delinquency, emotional factors in learning, especially physiological aspects of emotion and learning. Publ: Co-auth. Study of teenagers arrested for drunkenness, Quart. J. Study Alcoholism, Factors linked to success in counseling homeless alcoholics & Comparison of assaultive and heavy drinking adolescents. Address: 15912 Rosemont Rd, Detroit, Mich. 48223.
- MOL, PROF. JOHANNIS J. b. Rozenburg, Holland, Feb. 14, 22; U.S. citizen; m. 53; c. 4. SOCIOLOGY, RELIGION. B.D. Union Theol. Sem., 55; M.A., Columbia, 56, Ph.D. (sociol.), 60. Lectr. sociol., Canterbury, 61-63; fel. Australian Nat. Univ., 63-70; PROF. SOCIOL. OF RELIG., McMASTER, 70- Del. for Australia, Coun. Int. Sociol. Asn., 66-; chmn. sect. relig. res., World Cong. Sociol. Varso, Bulgaria, 70. Sociol. Asn. Australia & N.Z. (secy-treas, 63-69). Race relations; immigrant adjustment; sociology of religion. Publ: The breaking of traditions, Gledenssary, 68; Christianity in chains, 69 & Religion in Australia, 70, Nelson. Address: Dept. of Religion, McMaster University, Hamilton, Ont., Can.
- MOLAND, PROF. JOHN JR. Sociology, Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Chmn. dept. sociol. & dir., 69-, Center for Social Research, Southern University, P.O. Box 9981, Baton Rouge, La. 70813.
- MOLISH, DR. (HERMAN) B (ARRY). Clinical Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Chief psychol. serv. Tex. Children's Hosp., 68 & assoc. prof. pediat. psychol., Baylor Med. Sch., 68- Address: 6621 Fannin St., Houston, Tex. 77025.



- MOLITOR, SISTER MARGARET ANNE, R.S.M, b. Milford, Ohio, Sept. 19, 20. SOCIOLOGY. B.A. Edgely Col, 42; M.Ed. Xavier, 50; M.A. Catholic Univ, 63, Ph.D.(sociol), 67. Teacher, elem. & sec. schs; Archdiocese of Cincinnati, 43-53; Mother of Mercy High Sch, 54-60; instr. SOCIOLOG. EDOECLEIFF COL, 62-63; asst. prof, 66-69; PROF, 69. Social. Asn. Dropouts from religious communities; religious life and government. Address: Dept. of Sociology, Edgely College, Cincinnati, Ohio 45206.
- MOLLOY, DR. JOHN D. b. Cincinnati, Ohio, Jan. 1, 31; m. 59; c. 2. POLITICAL SCIENCE. A.B. Cincinnati, 53 M.A. 56, Ph.D.(polit. sci.), 59. Instr. polit. sci. Marquette, 59-61; from asst. prof. to assoc. prof, Our Lady of Cincinnati Col, 61-66; ASST. PROF. SOC. SCI, MICH. STATE, 66. From vis. asst. prof. to assoc. prof, Cincinnati, summers, 61-66. Polit. Sci. Asn; Soc. Pub. Admin. Government and the press; role of free press; legal problems of government; press in American democracy. Address: 514 Gainsborough Dr. East Lansing, Mich. 48823.
- MOLOF, DR. MARTIN JOSEPH. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Sr. res. psychologist, Mentec Corp, Los Angeles, 70- Address: 2120 Fourth St, Santa Monica, Calif. 90405.
- MOLOTOCH, DR. HARVEY LUSKIN, b. Baltimore, Md, Jan. 3, 40; m. 64; c. 1. SOCIOLOGY. Marshall Field fel, Chicago, 64, Lingle fel, 65-66, M.A., 66, Nat. Inst. Ment. Health fel, 66-67, Ph.D.(sociol), 68. ASST. PROF. SOCIOLOG. CALIFORNIA SANTA BARBARA, 67- Faculty res. grant, California, Santa Barbara, 68-69, summer faculty fel, 68. Consult, Calif. State Dept. Ment. Health, spring 69; coord. comm. West Side San Joaquin Valley Studies, 69. U.S.A. 61-62. Social. Asn. Urban ecology; public policy formation; mass media. Publ: Racial change in a stable community, Am. J. Sociol, 11/69; Racial integration in a transition community, Am. Sociol. Rev, 12/69, 019; Racial integration and power in America, Sociol. Inquiry, 1/70. Address: Dept. of Sociology, University of California, Santa Barbara, Calif. 93106.
- MONAT, PROF. WILLIAM ROBERT. Political Science, Public Administration. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. & chmn, 69-, Dept. of Political Science, Northern Illinois University, DeKalb, Ill. 60115.
- MONMONIER, DR. MARK STEPHEN, b. Baltimore, Md, Feb. 2, 43; m. 65. GEOGRAPHY. B.A. Hopkins, 64; Maryland, 64-65; Nat. Defense Ed. Act fel, Pa. State, 65-68. M.S. 67, Ph.D.(geog), 69. ASST. PROF. GEOG, Rhode Island, 69-70; STATE UNIV. N.Y. ALBANY, 70- Asn. Am. Geog. Am. Geog. Soc. Regional Sci. Assn. Bur. Soc. Automated map analysis and computer mapping; spatial components of crop production, farm mechanization and rural health care. Publ: Co-auth. Surface area from contour maps, Photogrammetric Eng, 66; auth. Computer mapping with the digital increment plotter. Pfnrl. Geographer, 68; Trends in upland accordance in Pennsylvania's ridge and valley section, Proc. Pa. Acad. Sci, 68. Address: Dept. of Geography, State University of New York at Albany, 1400 Washington Ave, Albany, N.Y. 12203.
- MONROE, DR. KENTON L. b. Wellington, Kans, July 31, 33; m. 57; c. 5. PSYCHOLOGY. B.A. Oregon, 59; Nat. Inst. Ment. Health fel, Purdue, 59-60, M.S. 62, Ph.D.(clin. psychol), 63. Vet. Admin. trainee clin. psychol, Purdue & Vet. Admin. Hosp, Marian, Ind, 60-63, clin. psychologist, Vet. Admin. Hosp, 63-64; coord. hosp. improv. proj, Modesto State Hosp, Calif, 64-65; couns. & assoc. dean, CALIF. STATE COL. SAN BERNARDINO, 65-66. ASSOC. PROF. PSYCHOL. & DEAN STUDENTS, 66- Instr. exten. clin. psychol, Purdue, 62. U.S.A. 53-56, Sgt. Student personnel in higher education; clinical psychology. Publ: Note on the estimation of the WAIS full scale IQ, J. Clin. Psychol, 66. Address: Dept. of Psychology, California State College, 5500 State College Pkwy, San Bernardino, Calif. 92407.
- MONSMA, DR. GEORGE NORMAN, JR. b. Washington, D.C. Oct. 6, 41. ECONOMICS. A.B. Calvin Col, 63; Kidder-Peabody & Co. fel, Princeton, 63-64. Earhart Found. fel, 64-65, M.A., 65; Ph.D.(econ), 69. Instr. ECON, Princeton, 66-67; ASST. PROF, Amherst Col, 67-69; CALVIN COL, 69- Econ. Asn. Health and labor economics; poverty; public finance. Publ: Marginal revenue and the demand for physician's services, In: Empirical studies in health economics, Johns Hopkins, 70; Vested interests survive another round, Reformed J, 4/70. Address: Dept. of Economics, Calvin College, Grand Rapids, Mich. 49506.
- MONTAGNA, DR. PAUL D. b. Springfield, Mass, Aug. 14, 36; m. 62; c. 2. SOCIOLOGY. B.S. Am. Int. Col, 58; M.B.A. Syracuse, 60; Nat. Sci. Found. grant, N.Y. Univ, 65, Ph.D.(sociol), 67. Off. mgr. inspection div, Port of New York Authority, 60-62; instr. social, BROOKLYN COL, 66-68, ASST. PROF. SOCIOLOG. & DEPUTY CHMN. SCH. GEN. STUDIES, 68- Social. Asn; Soc. Study Social Probs. Economic sociology; the sociology of organizations; study of work and occupations. Publ: Professionalization and bureaucratization, Am. J. Sociol, 9/68. Address: Dept. of Sociology, Brooklyn College, Brooklyn, N.Y. 11210.
- MONTAGUE, PROF. JOHN TAIT. Labor Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Economics, York University, Toronto, Ont, Can.
- MONTAVON, DR. PAUL A.(LOYSIUS). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Econ. adv, 69-, U.S. Agency for International Development, ROCAF/Guatemala, APO New York 09891.
- MONTGOMERY, BETTY (BROYLES). Child Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Adj. asst. prof. & head start regional training officer, 69-, University of Cincinnati, Room 408D T.C. Cincinnati, Ohio 45221.
- MONTGOMERY, LT. COMDR. CLARENCE WILFRED, R.C.N, b. Stratford, Ont, 12, 20; m. 42; c. 6. MATHEMATICS. B.A. Queen's (Ont), 49; M.A. British Columbia, 64. ROYAL CAN. NAVY, 49-, resident staff officer, cadet training, Univ. British Columbia, 61-63, ASSOC. PROF. MATH, ROYAL ROADS MIL. COL, 63- R.C.A.F., 41-45. Math. Asn. Am. Applicability of new mathematics in teaching both elementary and secondary; use of overhead projection in classroom. Address: Dept. of Mathematics, Royal Roads Military College, Victoria, B.C., Can.
- MONTGOMERY, DR. JAMES B. b. Toledo, Ohio, Nov. 25, 38; m. 65. ACCOUNTING. B.S. Miami (Ohio), 58; univ. fel, Florida, 61-62, M.B.A., 62, Earhart Found. fel, 62-63, Ph.D.(econ), 65. Invoice auditor, Chevrolet Div, Gen. Motors Corp, 57; jr. auditor, Ernst & Ernst, 58; from jr. mem. to sr. mem. auditor staff, Arthur Anderson & Co. Ill, 58-60; teaching asst, Florida, 60-61, interim instr, 62-64; asst. prof. ACCT, FLORIDA ATLANTIC, 64-67, ASSOC. PROF. & CHMN. DEPT, 67- Consult, Palm Beach Resources Develop. Bd, 66; Center Adv. Admin. Res, 67; Certified Pub. Accts. Rev. Courses, 67-89; Eastern Airline, 68. Inst. Cert. Pub. Acct. Acct. Asn. Publ: The unique economy of Sarasota, Florida, Econ. Leaflets, 11/64; Cost accounting and the CPA examination, Fla. Cert. Publ. Acct, 6/70. Address: Dept. of Accounting, College of Business Administration, Florida Atlantic University, Boca Raton, Fla. 33432.
- MONTGOMERY, PROF. JAMES E(LMER). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also head, 68-, Dept. Management, Housing & Family Development, College of Home Economics, Virginia Polytechnic Institute, Blacksburg, Va. 24061.
- MONTGOMERY, DR. JOHN D(CKEY). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 36 Hyde Ave, Newton, Mass. 02158.
- MONTGOMERY, PROF. JOHN WARWICK. Theology, Philosophy of History. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- MONTGOMERY, DR. LOLA JUNE b. Larkinsburg, Kans, June 16, 17. COUNSELLING & GUIDANCE. SOCIAL SCIENCE. A.B. Kansas, 43; Kansas, 43, M.A., Colo. State Col, 43; Ed.D.(student personnel admin), Colorado, 58. Teacher, rural sch, Kans, 35-37; instr. high sch, 41-43; soc. & biol. sci. Pueblo Jr. Col, Colo, 44-45; dean of women, Mayville State Col, 45-46; couns. Phillips, 48, dir. student personnel, 51-63; ASSOC. PROF. PSYCHOL, COUNSELLING & GUID. COLO. STATE COL, 63- Psychol. Asn. Personnel & Guid. Asn. Action-research in psychological counseling and curricular developments in education. Publ: The challenge of the integrative quest, Relig. Ed, 3-4/65; The affective development of college students: a case study of students of one university, Colo. J. Ed. Res, summer 69. Address: Dept. of Psychology, Counseling & Guidance, Colorado State College, Greeley, Colo. 80631.
- MONTICONE, PROF. RONALD CHARLES. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, 69-, Dept. of Government, Queensborough Community College, Springfield Blvd, Bayside, N.Y. 11364.
- MOONAN, DR. WILLIAM J(EANE). Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: V-pres. proj. develop, 69-, National Computer Systems, 4401 W. 76th St, Edina, Minn. 55435.
- MOONEY, DR. HORACE WILLIAM. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Independent consult, 69- Address: 1537 Bonita Ave, Berkeley, Calif. 94709.
- MOOR, DR. WILLIAM C(HATTELLE). Industrial Engineering, Organization Theory. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- MOORE, PROF. CHARLES THOMAS. Business Administration, Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also asst. v-pres. acad. affairs & progs, 69-, University of Alabama, P.O. Box 6291, University, Ala. 35486.
- MOORE, DR. DAVID SHELDON. Mathematics, Statistics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- MOORE, PROF. DONALD A. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn, Dept. of Economics, California State College at Los Angeles, 5151 State College Dr, Los Angeles, Calif. 90032.
- MOORE, DR. F. STANLEY. Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-, Dept. of Geography, Western Washington State College, Bellingham, Wash. 98225.
- MOORE, DR. FRANK J. b. Frankfurt, Germany, Mar. 3, 22; U.S. citizen; m. 66; c. 2. EDUCATION, ECONOMICS. B.S. California, Davis, 43, A.B. California, Berkeley, 44, Ph.D.(E.Asian Studies), 55; M.A., Hopkins, 50. Assoc. dir. Thailand proj, Cornell, 55-56; Ford Found. for area res. fel. rural develop, Nepal, 56-57; land tenure adv. Agency Int. Develop, Tehran, 58-60; prog. specialist develop. planning, Ford Found, Lagos, 60-66; asst. rep. Bangkok, 66-68; LECTR. DEVELOP. ED, STANFORD, 68- Consult, World Bank Mission Algeria, 66; guest lectr. conf. Venezuelan ed. in year 2000, Creole Found, 69. U.S.A. Res, 1st Lt. Int. Asn. Agr. Econ. Comp. Ed. Soc; Asn. Asian Studies; African Studies Asn. Process of rural modernization, particularly the role of education in the process of rural to urban transformation; subculture of the rural teacher in developing countries. Publ: Co-auth. Politics of land tenure legislation in Uttar Pradesh, S. Asia Studies, Univ. Calif, 55, Thailand, Human Rel. Area Files, 56 & Prospects and policies for development of the eastern region of Nigeria, Nigerian Govt, Enugu, 80. Address: 5872 Arboretum Dr, Los Altos, Calif. 94022.
- MOORE, DR. G. ALEXANDER, JR. Anthropology, Ethnology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-, Dept. of Anthropology, College of Arts & Sciences, University of Florida, Gainesville, Fla. 32601.
- MOORE, DR. GEOFFREY H. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Cmnr. labor statist, U.S. Bur. Labor Statist, 69. Address: 2700 Virginia Ave. N.W., Washington, D.C. 20037.

- MOORE, H(AROLD) J(AMES). Economics, Finance. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. econ. planning & develop, Dow Chemical Co, 69-. Address: 600 Chatham Dr, Midland, Mich. 48640.
- MOORE, HARRIETT. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Independent consult, 69-. Address: 11 Lupine Lane, Chesterton, Ind. 46304.
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- Nat. Coun. Measurement in Ed; Psychol. Asn. Personnel selection; reporting of test scores; evaluation of curriculum; evaluation of students. Publ: Reporting test results: percentile versus percentile ranks, J. Ed. Measurement, 64; The academic success of transfer students, In: Methodology in institutional research, 65 & An improving high school record: good news for college success?, In: Research on academic input, 66, Asn. Instrnl. Res. Address: Division of Educational Research & Development, Medical College of Georgia, Augusta, Ga. 30902.
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- MUELLER, DR. WILBERT J(OHN). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 608 Eastern, Apt. 102, Wichita, Kans. 67207.
- MUELLER, DR. WILLARD F(RITZ). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Wilco chmn. econ. & law, 69-. Dept. of Agricultural Economics, University of Wisconsin, Madison, Wis. 53706.
- MUFFLEY, HARRY C(HILTON). Biology, Organic Chemistry. See Suppl. V to 11th ed, Phys. & Biol. Vols.
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- MULCAHY, DR. GLORIA ALVERNAZ, b. Watsonville, Calif., Apr. 15, 38; m. 67; c. 1. PSYCHOLOGY. B.A., San Jose State Col., 59; M.S. Washington State, 60; Munich, 64-65; Grant Found. fel., Maryland, 65-67; univ. fel., summer 67, Ph.D. (psychol.), 67. Asst. phys. ed., Washington State, 59-60; instr. high sch., Calif., 60-62; clinician, develop. clin. emotionally disturbed children, Maryland, 62-63, asst. phys. ed., 62-64; asst. prof. human behav., Drexel Inst. Tech., 67-68; ASST. PROF. PSYCHOL., WESTERN ONTARIO, 68-. Lectr. Sr. George Williams, summer 68. Child psychology; human development; attitude development and change. Address: R.R. 2, Thamesford, Ont., Can.
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- MULLENDORE, DR. WALTER EDWARD, b. Harrah, Okla., Apr. 22, 40; m. 63; c. 3. ECONOMICS, URBAN & REGIONAL PLANNING. B.S., Okla. State, 61, M.S., 63; Ph.D. (econ.), Iowa State, 68. Res. assoc. ECON., Iowa State, 67-68; ASST. PROF. TEXAS, ARLINGTON, 68-. Div. Planning Coord. State of Tex. grant, 69-. U.S.A., 63-65. Econ. Asn. Teaching and research activities related to urban-regional economics; metropolitan planning, especially economic and demographic projections. Publ: A review of central Iowa's governmental units, people and economy, Cent. Iowa Regional Planning Cmn, 68; co-auth. A simulating model for multi-county regional planning, Proc. Am. Real Estate & Urban Econ. Asn., 69. Address: Dept. of Economics, University of Texas at Arlington, Arlington, Tex. 76010.
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- MULLER-SCHWARZE, DR. DIETLAND. Animal Behavior, Zoology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- MULLIGAN, DR. BENJAMIN EDWARD. Sensory Psychology. See 12th ed, Phys. & Biol. Vols.
- MULLIN, DEAN GAIL E(EDWARD). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. econ. & dean, 69-, College of Business Administration, Kent State University, Kent, Ohio 44240.
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- MUNNS, DR. LAWRENCE KAY, b. Walla Walla, Wash. Feb. 29, 40; m. 64. POLITICAL SCIENCE, PUBLIC ADMINISTRATION. B.A., Washington State, 62; Woodrow Wilson fel. & M.A., Chicago, 65; Ph.D. (polit. sci.), California, Berkeley, 70. Mgt. intern. U.S. Dept. Labor, 64-65; ASST. PROF. POLIT. SCI., GOUCHER COLL., 68-. Polit. Sci. Asn.; Soc. Pub. Admin. Innovation in public bureaucracy; power and professionalism in bureaucracy; pluralist political theory. Address: Dept. of Political Science, Goucher College, Baltimore, Md. 21204.
- MUNRO, DR. JIM L., b. York, Neb., July 20, 35; m. 53; c. 2. POLITICAL SCIENCE. B.A., Tex. Tech. Col., 59; M.A., Kansas, 63, Ph.D. (polit. sci.), 65; fel. Inst. Community Studies, Kansas City, 63-64. Assoc. prof. pub. admin., Missouri-Kansas City, 63-66; sr. lectr. indust. social, Adelaide, 66-67; asst. dean criminal justice, State Univ. N.Y. Albany, 67-68; ASSOC. PROF. PUB. ADMIN., JOHN JAY COL., CITY UNIV. NEW YORK, 68-. Consult. Cent. Labor Coun. Am. Fedn. Labor-Cong. Indust. Orgns., Kans., 62-63; Australian-N.Z. Sr. Police Officers Course, S. Australian Police Dept. & Broken Hill Proprietary Co., Ltd., S. Australia, 66; New York City Probation Dept., 69; Govt. Mgt. Inst., 69. Soc. Pub. Admin. Australian Inst. Mgt. Australian Indust. Rel. Soc. Social psychological theory in organizations; planning; programming; budgeting systems; social control in industrial organizations and labor unions. Publ: Co-auth. Administrative behavior: an bibliography, Univ. Mo., 67; auth. Internal factors of control in labor unions, J. Indust. Rel., 7/69; Planning, programming, budgeting for public school, Monitor, 4/70. Address: Dept. of Government, John Jay College of Criminal Justice, City University of New York, 235 E. 20th St, New York, N.Y. 10003.
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- MUNSON, DR. FRED CALEB. Economics, Industrial Relations. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: School of Public Health, University of Michigan, Ann Arbor, Mich. 48107.
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- MURDOCH, DR. PETER (HORST) (JAMMERS), b. Krefeld, Germany, Nov. 30, 38; m. 66. SOCIAL PSYCHOLOGY. B.S., Eardley traveling scholar & Manchester, 61; M.A. & Ph.D. (psychol.), North Carolina, Chapel Hill, 65. Instr. psychol. & res. asst., North Carolina, Chapel Hill, 61-65; asst. prof. psychol., Iowa, 65-69; RES. PSYCHOLOGIST, SMITH RICHARDSON FOUND., INC. 69-. Res. asst., San Diego State Col., summer 63; vis. lectr., Grinnell Col., 66; U.S. Pub. Health Serv. grant, 68-69; adj. assoc. prof., North Carolina, Chapel Hill, 69-. Consult. Int. Asn. Students Econ. & Commercial Sci., 69-. Psychol. Asn.; Soc. Exp. Social Psychol.; Soc. Psychol. Study Social Issues; Brit. Psychol. Soc. Exchange theory; social interaction; development of leadership and creativity; response dispositions; personality factors in social behavior; innovations in teaching. Publ: Development of contractual norms in a dyad, J. Personality & Soc. Psychol., 67; Effectiveness of learning from a programmed text compared with a conventional text covering the same material, J. Ed. Psychol., 68; Birth order and affiliation,



- Brit. J. Soc. & Clin. Psychol. 69. Address: Smith Richardson Foundation, Inc, Piedmont Bldg, P.O. Box 3265, Greensboro, N.C. 27402.
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- MURRAY, DR. MERRILL G(ARVER). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Route 1, Box 81C, Islamorada, Fla. 33036.
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- MUSCARELLA, DR. OSCAR WHITE. Archaeology. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
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- MUTHARD, PROF. JOHN E(DWARD). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also prof, 67-. Regional Rehabilitation Research Institute, University of Florida, Box 208 Health Center, Gainesville, Fla. 32601.
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- MYERS, DR. BUDDY L, b. Parkersburg, W.Va, Aug. 24, 32; m. 69; c. 1. MANAGEMENT. B.S. W.Va. Inst. Tech, 55; London, 56-57; M.B.A. Pittsburgh, 67, fel, 62-64, Ph.D.(bus. admin), 68. Teacher bus. V.W., 56-57, Tech, 57-60; asst. acct, Pittsburgh, 60-62; asst. prof. MGT, Duquesne, 64-66; KENT STATE, 66-68, ASSOC. PROF, 68-. U.S.A.F., 49-53, S/Sgt. AAAS; Statist. Asn; Econ. Asn; Inst. Mgt. Sci. Development and use of mathematical models of processes of use to management in making decisions. Publ: Co-auth. Statistical functions: a source of practical derivations based on elementary mathematics, Kent State Univ, 70; co-auth. On the choice of risk levels in managerial decision-making, Mgt. Sci., 69 & A comparison of the planning of sales by two department store buyers, In: Management in action: models of administrative decisions, Int. Textbook, 69. Address: Dept. of Management, Kent State University, Kent, Ohio 44240.
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- MYERS, DR. MICHELE T(OLELA), b. Rabat, Morocco, Sept. 25, 41; m. 68. SOCIOLOGY, COMMUNICATION. B.A. Paris, 62; M.A., Denver, 66, Ph.D. (commun), 67. Asst. to mkt. dir, Thomson Houston, Paris, France, 62-64; teaching asst. speech & commun, Denver, 65-67; ASST. PROF, Manchester Coll, 67-68; SPEECH, COMMUN. & SOCIOL, MONTICELLO COL, 68-. U.S. Off. Ed. grant, Cent. State Coll. Asn, 67-68. Inst. Admin. Asst. Speech Asn. Am. Inst. Gen. Semantics. Leadership; small group process; human relations; laboratory training. Publ: Co-auth. Subordinate ethos and leadership attitudes, Quart. J. Speech, 67, Effect of feedback upon interpersonal sensitivity in laboratory training groups, J. Appl. Behav. Sci., 69 & Group credibility and opinion change, J. Commun., 70. Address: The Evergreens, Monticello College, Godfrey, Ill. 62035.
- MYERS, PROF. ROBERT D, b. Covington, Ohio, Nov. 5, 08; m. c. 3. BUSINESS. B.A. Ohio State, 29, M.A., 31, Standard Oil of Ohio fel. & Ph.D.(bus. orgn), 54. Prof. BUS. ADMIN, W.Va. Wesleyan Coll, 30-32; part-time instr, Franklin, 39-42; PROF. TOLEDO, 46-. CHM.N. DEPT. ADMIN. & PERSONNEL, 54-. Private law practice, 34-44. Mich. Consol. Gas fel, 58; dir. grad. studies, col. bus. admin, Toledo, 59-61. Closing officer, Home Owners Loan Corp, 34; receiver, Mutual Savings & Loan, Ohio, 35; secy. to gov. Ohio, 36; hearing exam. Ohio Tax Cmn, 37-39; exec, Aetna Life Ins. Co, 43-46; superv. training facility, Toledo Edison Co, 54-58. Inst. Indust. Eng. Acad. Mgt. Bus. Law Asn. Publ: Business Law Formbooks, Univ. Toledo, 48; co-auth. College Business Law, Pitman, 60; Law as a tool of management, Adv. Mgt, 12/51. Address: College of Business Administration, University of Toledo, Toledo, Ohio 43606.
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MYTINGER, PROF. ROBERT EUGENE, b. Belle Fourche, S.Dak, Sept. 24, 26. HEALTH ADMINISTRATION. B.S. California, Los Angeles, 48, Dr. P.H., 65; M.P.H., California, Berkeley, 50. Assoc. campus sanitarian, student health serv., California, Los Angeles, 48-51; training & publ. officer, prev. med. div., bar. med. & surg. U.S. Navy, 51-52; prog. dir., pub. health cmt., Paper Cup & Container Inst., N.Y., 52-55; asst. to secy., 55-57; secy., 57-58; secy., West. reg. office, Am. Pub. Health Assn, 58-63; assoc. prof., pub. health & asst. dean for admin, SCH. PUB. HEALTH, HAWAII, 65-69, PROF., 69-. World Health Org. fel, Pac. S.E. Asia, 68. U.S.N.R., 44-46, 50-51, Lt. Pub. Health Assn. Distribution of health manpower; utilization of medical facilities and resources; innovation and change in health services. Publ.: Co-auth, Education in gerontology for Hawaii, Sch. Pub. Health, Univ. Hawaii, 12/66; auth, Barriers to the adoption of new programs perceived by local health officer, Pub. Health Reports, 2/67; Innovations in local health services, Int. Studies in medical care administration series, U.S. Pub. Health Serv, 2/68. Address: 2540 Maille Way, Honolulu, Hawaii 96822.

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NAAR, DR. RAY, b. Salonica, Greece, Oct. 15, 27; U.S. citizen, m. 53; c. 1. CLINICAL PSYCHOLOGY. B.Phil. French Archaeol. Sch, Athens, Greece, 46; B.S. Col. William & Mary, 57, M.S., 59; fel, Pittsburgh, 61-64, Ph.D. (psychol), 66. Psychologist, Juvenile Court, Richmond, Va., 57-59, chief psychologist, 59-61; staff psychologist, Psychol. Serv. of Pittsburgh, Pa., 64-66; CHIEF PSYCHOL. DEPT. COMMUNITY MENT. HEALTH CENTER, ST. FRANCIS GEN. HOSP., 66- instr. Univ. Pittsburgh, 66-, adj. asst. prof., 67- U.S.A., 52-55, 66-67, Capt. Psychol. Assn. Counseling and psychotherapy; psychodiagnostic testing. Address: 6576 Lyndhurst Green, Pittsburgh, Pa. 15206.

NADELMAN, DR. LORRAINE (MRS. SIDNEY WARSCHAUISKY). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., Michigan, 69-. Address: 1412 Brooklyn Ave, Ann Arbor, Mich. 48104.

NADKARNI, DR. VASANT D., b. Bombay, India, Sept. 14, 32; m. 62. CONSUMER & ORGANIZATIONAL BEHAVIOR. Ford Found. fel, N.Y. Univ., 62-64, Ph.D. (bus. admin), 66. Pub. rels. info. Serv. New York, 58-59; acct. exec. advert. Agency & Mkt. Res., 61-62; asst. prof. BUS. ADMIN. McGill, 66-68; ASSOC. PROF. WINDSOR, 68- Mkt. Assn. International marketing. Publ.: The new managers in India. . . In: The process of management, Prentice-Hall, 69; co-auth, Teaching by the Case method, Int. Mgt. Rev. Zurich, 2/69. Address: Faculty of Business Administration, University of Windsor, Windsor, Ont., Can.

NAFTALIN, DR. ARTHUR. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. pub. affairs, Minnesota, Minneapolis, 69-. Address: 66 Seymour Ave. S.E., Minneapolis, Minn. 55414.

NAFZIGER, DR. ESTEL WAYNE, b. Bloomington, Ill., Aug. 14, 38; m. 66; c. 1. ECONOMICS. B.A. Goshen Col, 60; M.A., Michigan, 62; Midwest Univ. Consortium Earhart fel, Illinois, Ph.D. (econ), 67. Teacher, sec. sch., Ind., 60-61; asst. ECON. Cent. Res. Econ. Develop. Michigan, 61-62; Illinois, 62-64; res. assoc. ECON. Develop. Inst., Nigeria, 64-65; ASST. PROF., KANSAS STATE, 66-. Soc. Sci. Found. & Kansas State Univ. res. fel, Ahmadu Bello Univ., Nigeria, summer 69; African Studies Assn. fel, 69-. Econ. Assn.; Royal Econ. Soc. Economic aspects of the Nigerian political conflict; determinants of the supply and success of entrepreneurs in less developed economies; interregional economic relations in less developed economies. Publ.: Interregional economic relations in the Nigerian footwear industry, J. Mod. African Studies, 68; A reconsideration of capital surplus in Nigeria, Nigerian J. Econ. & Soc. Studies, 3/68; The effect of the Nigerian extended family on entrepreneurial activity, Econ. Develop. & Cultural Change, 10/69. Address: Dept. of Economics, Kansas State University, Manhattan, Kans. 66502.

NAG, DR. MONI. Anthropology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-, Dept. of Anthropology, Columbia University, 452 Schermerhorn Hall, New York, N.Y. 10027.

NAGATA, DR. JUDITH A., b. Walsall, Eng. Feb. 14, 40; m. 66. SOCIAL ANTHROPOLOGY. B.A. Univ. Col. London, 61; M.A., Illinois, 63, Ph.D. (anthrop), 68. ASST. PROF. ANTHROP. YORK (ONT), 67-. Res. grant, Dept. Prov. Secy. Citizenship & Immigration, Ont., 67-69. Anthrop. Assn.; Can. Assn. Sociol. & Anthrop. Religious utopian communities, especially Old Order Amish; urban anthropology, particularly studies of new immigrants to the city. Publ. Adaptation and integration of Greek working class immigrants to the city of Toronto: a situational approach, Int. Migration Rev., 69. Address: Dept. of Sociology, York University, Toronto, Ont., Can.

NAGEL, PROF. STUART S. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., 68-, Dept. of Political Science, University of Illinois, 325 Lincoln Hall, Urbana, Ill. 61801.

NAGLE, DR. WILLIAM J (JOSEPH). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Sr. researcher, 69-, Urban Institute, 2100 M St. N.W., Washington, D.C. 20037.

NAGY, PROF. CHARLES FRANKLIN, b. Universal, Ind., May 3, 23; m. 46; c. 3. ACCOUNTING, ECONOMICS. B.S., Indiana State, 47, M.S., 49; Indiana, 48-50; Wisconsin, summer 51; Ph.D. (acct. econ), Alabama, 59. Asst. prof. acct., Wis. State, 49-51; assoc. prof., Memphis State, 51-57; asst. prof., Ohio State, 57-60; Analyst, N.A.M. Aviation, Inc., Ohio, 60-61; prof. acct., Akron, 61-68; PROF. ACCT. & FINANCE & CHMN. DEPT. ACCT. FINANCE & LAW, CLEVELAND STATE, 68-. U.S.N., 42-46, Lt. (jg). AAAS; Am. Inst. Decision Sci.; Am. Acc. Assn.; Nat. Assn. Acc. Inst. Cert. Pub. Acct. Elec-

tronic data processing and systems that are related to social, governmental or business problems. Address: Dept. of Accounting, Finance & Law, Euclid at 24th St., Cleveland State University, Cleveland, Ohio 44115.

NAHM, PROF. JANE C., b. Lincoln, Ill., Jan. 12, 30; m. 59; c. 1. POLITICAL SCIENCE. B.A., Grinnell Col, 51; Hopkins, 54-55; George Washington, 55-57; Pennsylvania, 57-58; Tulane, 57-59. Staff assoc., U.S. Senate, 55-57; res. assoc., Hoover Library, 58-60; ASSOC. PROF. GOVT. & SOC. STUDIES, NORTHWEST STATE COL. (LA), 60-. Consult. urban planning, 69-70. U.S.M.C., 50-54, Capt. Polit. Sci. Assn.; Soc. Planning Off. City planning; port organization and management. Address: Dept. of Government & Social Studies, Northwestern State College, Natchitoches, La. 71457.

NAIDU, DR. GURRAMKONDA M., b. Chittoor, India, June 1, 37; m. 65; c. 1. MARKETING, STATISTICS. B.A., Sri Venkateswara Univ., India, 57; M.S., Indian Statist. Inst., Calcutta, 62; Nat. Sci. Found. grant, Mich. State, 68-69, Ph.D. (mkt), 69. Computer, Indian Statist. Inst., Calcutta, 58-60, asst. statistician, 60-62, mem. res. & teaching faculty statist. methods, 62-65; asst. instr. statist. appln. in ed. res. Mich. State, 65-68, spec. res. asst. control sys., 67-68, sr. asst. Mkt., 68-69; ASST. PROF. WIS. STATE, WHITE-WATER, 69-. Mkt. Assn.; Statist. Assn. Statistical applications in marketing, quality control and production management; model buildings and quantitative analysis of marketing systems; extension of marketing concept to education industry. Publ. Strategies for marketing higher education, Proc. Am. Mkt. Assn. Conf., 8/70. Address: Dept. of Marketing, Wisconsin State University, Whitewater, Wis. 53190.

NAKAMURA, DR. JAMES I., b. Toppish, Wash. Mar. 16, 19; m. 44; c. 2. ECONOMICS, ECONOMIC HISTORY. B.S. Columbia, 52, Ford Found. fels. 52-55 & 62-63, Ph.D. (econ), 64. Lectr. ECON. Columbia, 56-57; City Col. New York, summer 58-60; Lectr. City Col. 59-62; lectur. Hun. Res. Inst., asst. prof., COLUMBIA, 64-68, ASSOC. PROF., 68- Fulbright-Hays Cent. faculty fel, Columbia Univ., summer 67; U.S.A., 45-48, 1st Lt. Econ. Assn.; Asian Studies; Agr. Econ. Assn.; Econ. Hist. Assn. Agricultural and economic development of modern Japan; comparative agricultural and economic development of Japan, Taiwan and Korea; pre-Meiji foundations of Japanese economic development. Publ.: Agricultural production and the economic development of Japan, Princeton Univ., 66; Meiji land reform, redistribution of income, and saving from agriculture, Econ. Develop. & Cultural Change, 7/66; Nihon no Keizai Hatten to Nogyo, Toyo Keizai Shimpusha, 68. Address: East Asian Institute, Columbia University, New York, N.Y. 10027.

NALESZKIEWICZ, PROF. WLADIMIR, b. Warsaw, Poland, Feb. 1, 31; nat. m. 55; c. 2. ECONOMICS. B.A., Strasburg, 52, Free Europe Assn. scholar, 52-55, M.A., 55, French Govt. scholar, 55-56, Ph.D. (econ), 56. Instr. econ., Henderson State Teachers Col., 57-59; asst. prof. & chmn. dept., St. Benedict's Col., 59-62; asst. prof., Marquette, 62-64; assoc. prof., Notre Dame, 64-66; instr. staff econometrics, Consol. Am. Serv., Wash. D.C., 66-67; reader & sr. economist, Checchi & Co., 68; mgr. dept. econ. anal. & forecasts, Commun. Satellite Corp., 68-69; PROF. ECON., CLEVELAND STATE, 69-. Consult. common carrier bur., Fed. Commun. Cmn., 69-. Econ. Assn. Economics of telecommunications; econometrics; international economics; European integration; Soviet economic system. Publ.: Financing and coverage under social insurance in Soviet Russia, Institut. & Labor Reiz, Rev., 7/64; U.S. agricultural exports to the European economic community: an econometric approach, Int. Symposia studies series, Nat. Inst. Soc. & Behav. Sci., summer 65; Technical assistance of American enterprises to the growth of the Soviet Union, 1929-1933, Russian Rev., 1/66. Address: Dept. of Economics, Cleveland State University, Cleveland, Ohio 44115.

NAM, DR. TAE Y., b. Kyungbuk, Korea, Mar. 12, 38; m. 67; c. 2. POLITICAL SCIENCE & ANTHROPOLOGY. B.A., Keimyung Christian Col., Korea, 61; Carroll Col., 62-63; M.A., Iowa, 65, Ph.D. (polit. sci.), 69. ASST. PROF. POL. SCI., Tulsa, 67-69; NEVADA, 69-, faculty res. grant, 69-70. Consult. Am. Airlines, 66-68. Polit. Sci. Assn.; Asian Studies Soc. Pub. Admin. Far East and Southeast Asian politics; political anthropology; United Nations. Publ.: Ed. Research methods in comparative politics, Univ. Tulsa, 69; auth, Structural-functional analysis, Int. Rev. Hist. & Polit. Sci., 2/69; Singapore's one party system: its relations to democracy and political stability, Pac. Affairs, winter 69. Address: Dept. of Political Science, University of Nevada, Las Vegas, Nev. 89109.

NAMIAS, PROF. JEAN. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 700 Columbus Ave, New York, N.Y. 10025.

NANCE, DR. RICHARD E. Computer Science, Operations Research. See 12th ed, Phys. & Biol. Vols.

NANDA, PROF. VED P. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.

NANUS, DR. BURTON BENJAMIN, b. New York, N.Y. Mar. 21, 36. MANAGEMENT SCIENCE, OPERATIONS RESEARCH. M.E. Stevens Inst. Tech. 57; M.S. Mass. Inst. Tech. 59; D.B.A., Southern California, 67. Res. asst. Mass. Inst. Tech., 57-59; mgr. adv. tech. Univ. Div. Sperry Rand Corp., 59-62; training dir., Ops. Res. Inc., 62; ops. res. scientist, Syst. Develop. Corp., 62-65, sr. tech. adv. mgr., 65-67; pres., Planning Tech. Inc., 67-69; SR. PUB. SYS. RES. ASSOC. UNIV. SOUTHERN CALIFORNIA, 69-. Inst. Mgt. Sci.; Ops. Res. Soc. Am.; sr. mem. Inst. Indust. Eng. Sys. & Procedures Assn. Simulation and management gaming for research and educational purposes; long range planning processes; management information systems. Publ.: Co-auth, Management games: a new technique for executive development. Reinhold, 61; auth, Industrial engineering opportunities in computer programming management, J. Indust. Eng., 7-8/65 & The multinational computer, Columbia J. World Bus., 11-12/69. Address: 249 S. Lafayette Park Lane, Los Angeles, Calif. 90057.

NAPIER, DR. HERMAN S., b. Wayne, W.Va., June 22, 22; m. 50; c. 2. SOCIAL PSYCHOLOGY, MANAGEMENT. B.S., U.S. Mil. Acad., 45; M.S., Tulane, 58, Ph.D. (psychol), 67. Instr. mil. psychol. & leadership, U.S. Mil. Acad., 58-60, asst. dir. mil. psychol. & leadership, 60-62; asst. prof., DEPT. MGT., ARKANSAS, FAYETTEVILLE, 67-70, ASSOC. PROF., 70- U.S.A., 45-65, Lt. Col. AAAS; Psychol. Assn. Individual versus group learning. Publ.: Social



- conditioning in the modification of a dominance hierarchy among white rats, *J. Soc. Psychol.*, 68; Individual vs group learning on three different tasks, *J. Psychol.*, 68; Individual vs group learning: note on two task variables, *Psychol. Reports*, 68. Address: Dept. of Management, University of Arkansas, Fayetteville, Ark. 72701.
- NAPOLI, DR. ANNA MARIE, b. New York, N.Y., July 30, 43. **PSYCHOLOGY**. B.A. Queens Col. (N.Y.), 65; M.S. Tulane, 67, Nat. Sci. Found. traineeship & Ph.D.(psychol.), 69. **ASST. PROF. PSYCHOL. REDLANDS**, 69- **Psychol. Asn; Animal Behav. Soc.** Social and hormonal factors in rodent sexual behavior. Address: Dept. of Psychology, University of Redlands, Redlands, Calif. 92373.
- NAPP, DR. RALPH RAYMOND VON TRESCOW. **Sociology**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Assoc. prof., 69- **Dept. of Sociology, Madison College, Harrisburg, Pa.** 22601.
- NARODICK, DR. KIT G. **Economics, Business Administration**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. Change of address: 1025 Fifth Ave, New York, N.Y. 10028.
- NASH, PROF. ARNOLD (SAMUEL). **Religion, Sociology**. See 5th ed. Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- NASH, DR. GEORGE, b. New York, N.Y., Sept. 1, 32. **SOCIOLOGY**. B.A. Haverford Col. 53; Ph.D.(sociol.), Columbia, 69. **SOCIOLOGIST, BUR. APPL. SOC. RES. COLUMBIA**, 69- **Sociol. Asn; Soc. Study Social Probs. Urban sociology—aging, alcoholism and narcotics addiction; higher education—universities and urban problems. Publ: Student financial aid—college and university. Encyclop. Ed. Res.**, 68; co-auth. The non-demanding society; an analysis of the social structure of skid row, *J. Soc. Probs.*, 70; auth. The decision to attend movies, *Pub. Opinion Quart.*, 70. Address: Bureau of Applied Social Research, Columbia University, 605 W. 115th St. New York, N.Y. 10025.
- NASH, DR. JUNE (CAPRICE). **Anthropology**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New publ: The structuring of social relations in Amatenango del Valle: an activity analysis, *CIDOC, Mex.*, 69; In the eye of the ancestors: belief and behavior in a Maya Indian community, *Yale Univ.*, 70. Address: Dept. of Anthropology, New York University, New York, University Heights, N.Y. 10453.
- NASH, DR. MICHAEL (DENNIS), b. San Diego, Calif., May 10, 40; m. 63; c. 3. **PSYCHOLOGY**. B.A. St. Mary's Col. Calif. 62; Loyola (Ill.), 62-63; M.A., Bradley, 64. Ph.D.(psychol.), Arizona State, 68. **ASST. PROF. PSYCHOL. TEMPLE BUELL COL.**, 68- **Psychol. Asn. Psychotherapy, especially behavior modification; perceptual research, especially the perception of complex stimuli; philosophy of science. Publ: Argument terminable or interminable. Am. Psychologist, (in press); co-auth. The dimensions of stimulus complexity and the visually evoked potential, *Neuropsychologia*, (in press). Address: Dept. of Psychology, Temple Buell College, Denver, Colo. 80220.**
- NASH, DR. PHILLEO. **Anthropology**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. Change of address: 540 N St. S.W., Washington, D.C. 20024.
- NASON, DR. JOHN (WILLIAM). **International Relations**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New information: Retired, 70. Address: Keene, N.Y. 12942.
- NASON, DR. ROBERT WHITE, b. Philadelphia, Pa., July 28, 39; m. 61; c. 4. **MARKETING, INTERNATIONAL BUSINESS**. B.S. Colorado, 63; M.B.A., Mich. State, 64. Ph.D.(mkt), 68. **Researcher, U.S. Agency Int. Develop.** Mich. State Univ., 66-68; **ASST. PROF. MKT, WHARTON SCH, PENNSYLVANIA**, 69- **Mkt. Asn; Soc. Int. Develop.** Role of market systems on economic development; alternative urban strategies for public policy to deal with problems of slums, ghettos, poverty and race. *Publ. Ed.* The role of food marketing in the economic development of Puerto Rico, 66 & auth. *chaps. In: The market process of Recife, Brazil and its food shed*, 68. Mich. State Univ. Address: Dept. of Marketing, Wharton School, University of Pennsylvania, Philadelphia, Pa. 19104.
- NATCHEZ, DR. GLADYS WORMS. **Clinical Psychology**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. Change of address: 55 E. 87th, New York, N.Y. 10028.
- NATH, PROF. LAWRENCE HAIG, b. Ottawa, Ont. Jan. 20, 17; U.S. citizen; m. 43; c. 2. **MANAGEMENT SCIENCE**. A.B. Duke, 39; M.A. Columbia, 47; Ph.D.(admin), Kenyark, 52. **Instr. sch.** Robert Sch. Istanbul, 39-40; sci. & math. Brent Sch., Philippines, 40-41; chem. & physics, Fordham, 46-47; assoc. prof. chem., Tusculum Col., 47-48; asst. prof. phys., sch. Eastern Kentucky, 48-52; faculty mem. bus. admin., Sinclair Col., Ohio, 55-57; prof. mgt. & chmn. dept., Nichols Col., 58-63; dean sch. bus. admin., WEST. NEW ENG. COL., 63-68, **PROF. MGT. & INT. MGT.**, 68- **Sr. res. specialist, Nat. Cash Register Co.**, Ohio, 57; lectr., grad. sch. bus. admin., Clark, 68- **Consult.** Springfield Tech. Community Col., 68- **U.S.A.A.F.**, 42-45, **T/Sgt. Asst. Mgt.**; **Asn. Ed. Int. Bus.**; **Brit. Inst. Mgt.** Management operation in Australia; international trade of firms in Connecticut Valley; management training of first-line supervisors; science education in English for Turkish students. **Publ: Zoology review**, South. Press, 38; *Science for beginners in English*, Robert Col., Istanbul, 40. Address: 6 Fairview Rd, Wilbraham, Mass. 01095.
- NATHAN, DR. OTTO. **Economics**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. Change of address: 24 Fifth Ave, New York, N.Y. 10011.
- NATIELLO, DR. THOMAS (ANTHONY). **Management**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position: Assoc. prof., 70- **Dept. of Management, University of Miami**, P.O. Box 8524, Coral Gables, Fla. 33124.
- NATOLI, DR. SALVATORE (JOHN). **Geography**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Ed. Affairs, Division of American Geographers, 1146 16th St. N.W., Washington, D.C. 20036.
- NAVARR, DR. LESLIE. **Clinical Psychology**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Assoc. prof., 68- **Royal Roads Military College, Victoria, B.C., Can.**
- NAYA, DR. SEIJI, b. Hyogo, Japan, Dec. 20, 32; m. 61; c. 2. **ECONOMICS**. B.B.A. Hawaii, 58; M.A. Wisconsin, 62, Ph.D.(econ), 65. **Jr. economist**, Hawaii, 62-64; **ASST. PROF. ECON, WISCONSIN, MADISON**, 65- **Mem.**, Southeast Asia Develop. Adv. Group, 67- **Publ: Natural resources, factor mix and factor reversal in international trade**, *Am. Econ. Rev.*, 5/67; The commodity pattern and export performance of developing Asian countries, *Econ. Develop. & Cult. Change*, 7/67. Address: Social Science Bldg., University of Wisconsin, Madison, Wis. 53706.
- NAYAR, DR. BALDEV RAJ, b. Gujrat, India, Oct. 26, 31; m. 61; c. 2. **POLITICAL SCIENCE**. B.A., Panjab, India, 53; M.A., 56; M.A., Chicago, 59, Ph.D.(polit. sci.), 63. **Asst. prof. POLIT. SCI.** Calif. State Col. Hayward, 63-64; **McGILL**, 64-66; **ASSOC. PROF.**, 66- **Sr. fel. Can. Coun.**, 67-68. **Secy-treas.**, Shastri Indo-Can. Inst., 69-70. **Am. Hist. Asn.** Watumull prize, 68. **Polit. Sci. Asn; Asn. Asian Studies.** Comparative politics and political development, especially with reference to India; problems of national integration and economic development. **Publ: Minority politics in the Punjab**, 66 & co-auth. State politics in India, 66, Princeton; auth. National communication and language policy in India, Praeger, 69. Address: Dept. of Political Science, McGill University, Montreal, Que. Can.
- NAYLOR, DR. H(ARRY) L(EE). **Anthropology**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. Change of address: Dept. of Regional & Community Affairs, University of Missouri, Columbia, Mo. 65201.
- NAYLOR, DR. JOHN ALBERT, b. Keokuk, Iowa, Dec. 12, 40; m. 67; c. 1. **ECONOMICS**. A.B. Carthage Col., 63; M.A., Illinois, 65, Nat. Sci. Found. fel., summer 66, *Int. Bus. Mach. fel.*, 66-67, Ph.D.(econ), 68. **ASST. PROF. ECON. COL. WOOSTER**, 68- **Econ. Asn; Finance Asn.** Monetary theory; term structure of interest rates; general equilibrium theory. **Publ: Some theoretical and empirical considerations relative to the term structure of interest rates**, *J. Finance*, 9/69; Comment on a note on the traditional theory of the term structure of interest rates, *Int. Econ. Rev.*, 10/69; Rationale and significance of the proposed discount mechanism, *Quart. Rev. Econ. & Bus.*, winter 69. Address: Dept. of Economics, College of Wooster, Wooster, Ohio 44691.
- NAZZARO, PROF. JAMES RUSSELL, b. New York, N.Y., June 5, 31; m. 55; c. 2. **EXPERIMENTAL PSYCHOLOGY**. B.A., City Univ. New York, 57; A.M. Columbia, 58, Ph.D.(psychol.), 61. **From asst. prof. PSYCHOL. to prof. & chmn. dept.** Mary Washington Col., Virginia, 61-69; **PROF. & HEAD DEPT, CHICO STATE COL.**, 69- **Fulbright vis. prof.**, Brasilia, 64-65. **U.S.A.**, 51-53. **Psychol. Asn. Psychophysics**, especially bisection of visual extents and anchoring in auditory dimensions; influence of sensory variables on decision making; self-paced instruction; effect of air ions on stress behavior. **Publ: Bisection of a visual spatial extent**, *Am. J. Psychol.*, 7/7: 403-413; co-auth. Anchoring of pitch judgments, *J. Gen. Psychol.*, 74: 307-311 & influence of luminance on a two-choice decision task, *J. Exp. Psychol.*, 71: 696-699. Address: Dept. of Psychology, Chico State College, Chico, Calif. 95926.
- NEAL, DR. GILBERT LINCOLN. **Industrial Psychology**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position: Eng. psychologist, U.S. Army SAFSEA, White Sands Missile Range, N.Mex. 68- **Address: 5312 Marculus, El Paso, Tex.** 79924.
- NEAL, PROF. JOE WEST, b. Watertown, Tenn., Oct. 25, 16; m. 43; c. 4. **IN-STRUMENTAL PSYCHOLOGY**. B.A., Texas Tech., 48, Austin, 48, M.A., 41, Ph.D.(Latin Am. studies), 57. **Lectr. govt.**, TEXAS, AUSTIN, 46-66, **PROF. SPEECH**, 66- **DIR. INT. OFF.**, 41- **Am. Friends Mid.E. travel grant**, 54; **Creole Found. grant.** **Consul. Inst. Int. Ed.**, Ford Found. & U.S. Dept. State. **U.S.A.R.**, 42- **Col. Nat. Asn. For Student Affairs** (gress, 63-64); **Polit. Sci. Asn; Speech Asn.** **Am. Int. Commun. Asn.** **Acad. Polit. & Soc. Sci.** Address: International Office, Drawer A, University Station, Austin, Tex. 78712.
- NEALE, DR. JOHN M., b. Toronto, Ont., Aug. 31, 43; m. 66. **PSYCHOLOGY**. B.A., Toronto, 66; M.A., Vanderbilt, 68, Ph.D.(psychol.), 69. **ASST. PROF. PSYCHOL.**, STATE UNIV. N.Y. STONY BROOK, 69- **Clinical psychology; schizophrenia; emotion. Publ: Egoicism in institutionalized children.** *Child Develop.*, 66; co-auth. Anxiety, choice and stimulus uncertainty, *J. Personality*, 69 & Attention and schizophrenia, *Int. Progress in experimental personality research*, Acad. Press, 70. Address: Dept. of Psychology, State University of New York at Stony Brook, Stony Brook, N.Y. 11790.
- NEALEY, DR. STANLEY M. **Psychology**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Assoc. prof. psychol., 69- **Dept. of Psychology, Colorado State University**, Ft. Collins, Colo. 80521.
- NEASHAM, DR. ERNEST ROY, b. Dunsmuir, Calif., Feb. 29, 20; m. 64; c. 1. **HIGHER EDUCATION**. A.B. Chico State, 46, M.A., 56; **Kellogg fel.**, California, Berkeley, 63-68, **Ed.D.(higher ed.)**, 68. **Teacher**, high sch., Calif., 49-50, v.p.in, 50-58; **instr. hist. & geog.**, Shasta Col., 58-63; **RESEARCHER & CONSULT.**, URS RES. CO., SAN MATEO, CALIF., 68- **U.S.A.**, 43-46, **Sgt. Junior college and high school vocational and academic curriculum, evaluation and research; school and college facility planning; educational systems, evaluation and research; junior college faculty characteristics and attitudes.** **Publ: Co-auth.** Vocational education available to adults in the public schools of Alameda and Contra Costa Counties, *Sch. Ed. Univ. California*, Berkeley, 66; **Experimental polit. summer vocational program** an evaluation, *Mgt. & Econ. Res.*, Inc., 1969-1970; 3000: evaluation of an exemplary vocational education program, *URS Res. Co.*, 69. Address: 4117 Boone Lane, Sacramento, Calif. 95821.
- NEAVE, DR. EDWIN H(AROLD), b. New Westminster, B.C., June 25, 35; m. 63; c. 2. **ECONOMICS, MANAGEMENT SCIENCE**. B.Commer. & British Columbia, 64; Ph.D.(bus. admin.), California, Berkeley, 68. **Asst. to controller**,

- Can. Imp. Bank Commerce, 53-67; acting instr. managerial econ. California, Berkeley, 67-68; ASST. PROF. FINANCE, NORTHWESTERN, 68- Northwest. Univ. faculty res. fel, summer 69. Econ. Asn; Finance Asn; Inst. Mgt. Sci. Inventory theory; applications of management science techniques and of economic theory to problems in financial decision-making and in characteristics of financial markets. Publ: Co-auth, Financial institutions, Irwin, 11th ed. (in prep). The stochastic cash balance problem with fixed costs for increases and decreases, Mgt. Sci. Theory, 3/70. Address: Dept. of Finance, Northwestern University, Evanston, Ill. 60201.
- NEEDHAM, DR. DOUGLAS, b. Leeds, Eng. Apr. 27, 40; m. 62. ECONOMICS. B.Sc. London U.I. Patent Study fel, Princeton, 61-64, M.A., 63, Fulbright Travel fel, 61-65, Ph.D.(econ), 65. Instr. ECON, Princeton, 64-65; lectr. London Sch. Econ, 65-69; ASSOC. PROF. STATE UNIV. N.Y. COL. BROCKPORT, 69- Consult. economist, U.K. Ministry Defence, 1968-68. Econ. Asn. Industrial organization and market structure; macroeconomic theory; public finance and fiscal policy. Publ: Economic analysis and industrial structure, 69 & ed. Readings in the economics of industrial organization, 70, Holt; auth. The rationale of basing-point pricing, South. Econ. J., 4/64. Address: Dept. of Economics, State University of New York College at Brockport, Brockport, N.Y. 14420.
- NEEDHAM, DR. WILLIAM ROBERT, b. London, Ont. Dec. 19, 38; m. 62; c. 2. ECONOMICS. B.Sc. 61; M.A. Queen's, 61; M.A. 64, Dept. Managerial Economics, 64-68, Ph.D.(econ), 68. Asst. prof. ECON, WATERLOO, 65-68, DEPUTY CHMN, 68- ASSOC. PROF. 69- Am. Econ. Asn; Can. Econ. Asn. Canadian economic history; immigration to Canada from the British Isles. Address: Dept. of Economics, University of Waterloo, Waterloo, Ont., Can.
- NEEL, DR. ANN FILINGER. Clinical Psychology, Child Development. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Chief child welfare res. & demonstration grants prof., 68- Community Services Administration, Social & Rehabilitation Services, Dept. of Health, Education & Welfare, Washington, D.C. 20201.
- NEEL, DR. RICHARD EUGENE. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. dean, 69- School of Business Administration, Georgia State University, 33 Gilmer St. S.E., Atlanta, Ga. 30303.
- NEELY, DR. JAMES ALAN, b. St. Louis, Mo, Nov. 7, 36; m. 63. ANTHROPOLOGY, ARCHAEOLOGY. B.A. Univ. of the Americas, 58; M.A. Arizona, 68, Ph.D.(anthrop), 70. Asst. archaeologist, Mus. Northern Arizona, 62-63; res. assoc. archaeol, Rice, 63-64; Smithsonian Inst., 64; ASST. PROF. ANTHROP. TEXAS AUSTIN, 68- Summers, res. asst. archaeol, Univ. Arizona, 60, Univ. Oklahoma, R.S. Peabody Found, 64-65, asst. archaeologist, Ariz. State Mus., Univ. Arizona, 65; res. assoc. archaeol, Smithsonian Inst., 66; archaeol. field res. in Iran, Rice Univ., 68-69. U.S.A.R., 55-62. Fel. AAAS; Anthrop. Asn; Mex. Anthrop. Soc; Brit. Inst. Persian Studies. Archaeological research on prehistoric plant and animal domestication and development of village farming communities and irrigation agriculture in Mexico and the Middle East. Publ: Co-auth. Prehistory and human ecology of the Deh Luran Plain, Iran, Univ. Michigan Mus. Anthrop. Memoirs, 69; auth, Organizaci6n hidr6ulica y sistemas de irrigaci6n prehist6ricos en el Valle de Oaxaca, Mexico, Bolet6n del Instituto Nacional de Antropolog6a e Historia, 67; co-auth, Water control systems of the Tehuacan Valley, Mexico, In: Prehistory of the Tehuacan Valley, Univ. Texas, 70. Address: Dept. of Anthropology, University of Texas at Austin, Austin, Tex. 78712.
- NEET, PROF. CLAUDE C(ASELL). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Emer. prof. psychol, Massachusetts, Amherst, 69- Address: 36 Harris St, North Amherst, Mass. 01059.
- NEGLEY, PROF. GLENN R(OBERT). Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- NEGYESY, DR. ARPAD JOSEPH, b. Eger, Hungary, Nov. 23, 11; U.S. citizen; m. 42; c. 1. GOVERNMENT, HISTORY. LL.B. Archepiscopal Law & Polit. Sci. Acad, Eger, 34; Ph.D.(polit. sci.), Elizabeth Univ, Pecs, Hungary, 35; M.A. Rutgers, 61. Lectr. pub. admin, Munic. Acad. Townclerks, Eger, 41-45; asst. prof. pub. admin. & finance, Archepiscopal Law & Polit. Sci. Acad, Eger, 45-48; instr. Am. govt, Arlington State Col., 65-67; asst. prof. East. European govt, Texas, 67-69; ASSOC. PROF. HIST. & GOVT, NORWICH, 69- Res. grant, Texas, 69-69; Pol. Sci. Asn. Russian, Eastern Europe and American government. Address: Dept. of History and Government, Norwich University, Northfield, Vt. 05663.
- NEIDELL, DR. LESTER A, b. New York, N.Y., Apr. 29, 39; m. 61; c. 2. MARKETING. B.S. Lehigh, 60; Ford Found fel, Mass. Inst. Tech., 64-65, M.A., 65; Ph.D.(econ), 65. Asst. prof. econ. & marketing, Penn State, 65-68; BULLFORD, 67-68; U.S.A.F., 61-67, S/Sgt. Inst. Mgt. Sci.; Mkt. Asn. Marketing operations; simulation; nonmetric multidimensional scaling. Publ: Co-auth, Perceptual mapping of a convenience good, Am. Mkt. Asn. Proc, fall 69; auth, Multidimensional scaling in marketing, J. Mkt., 11/69. Address: Dept. of Marketing, State University of New York at Buffalo, Buffalo, N.Y. 14214.
- NEIGHBOR, DR. HOWARD D. Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also dir, 69- Social Science Research Center, University of Texas at El Paso, Administration Annex, El Paso, Tex. 79999.
- NEILL, DR. JOHN ADDISON, b. St. Catharines, Ont, Nov. 22, 39; m. 60; c. 2. PSYCHOLOGY. B.A. Western Ontario, 61, M.A. 65, Ont. Addiction Res. Found. fel, 66-67, Ph.D.(psychol), 68. ASST. PROF. PSYCHOL, Windsor, 67-69; GUELPH, 69- Sr. res. consult. Ont. Ment. Health Found. res. grant, 67-70. Am. Psychol. Asn. Can. Psychol. Asn. Personality; education; moral problems; measurement. Publ: Co-auth, An empirical evaluation of item selection techniques in personality assessment, Educ. & Psychol. Measurement, 70. Address: Dept. of Psychology, University of Guelph, Guelph, Ont., Can.
- NELL, PROF. EDWARD JOHN. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. econ, 69- Graduate Faculty-Newschool for Social Research, 65 Fifth Ave, New York, N.Y. 10001.
- NELSEN, DR. EDWARD A. Developmental Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Dir, 68- Office of Research & Evaluation, North Carolina Central University, Durham, N.C. 27707.
- NELSON, DR. ANDREW GEORGE, JR, b. New Haven, Conn, Feb. 19, 26; m. 51; c. 1. ECONOMICS, FINANCE. B.S. Maryland, 58, M.B.A. 63; D.Econ, Brussels, 64; George Washington, 64-67. Admin. officer, Bur. Customs, U.S. Treasury Dept, 59-60; finance analyst, Securities & Exchange Cmn, 60-64; grants officer, U.S. Pub. Health Serv, 64-67; asst. dir. res. & develop, AM. GAS ASSN, 67-68, ASST. CONTROLLER, 68- Pres, Tech-Ed Sys, Inc, 68- U.S. Pub. Health Serv. outstanding serv. award, 64-67. U.S.A., 43-58; U.S.N.R., 58- Lt. Pub. Health Asn. Public financing of privately held corporations. Address: American Gas Association, 605 Third Ave, New York, N.Y. 10016.
- NELSON, DR. CONSTANCE B(URKHARDT). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Clin. psychologist, Vet. Admin. Ment. Health Clin, 68-; affiliate assoc. prof., Colorado State. Address: 1160 Birch, Denver, Colo. 80220.
- NELSON, DR. DOUGLAS L, b. Waukegan, Ill, Aug. 7, 40; m. 62; c. 2. EXPERIMENTAL PSYCHOLOGY. B.A. Virginia, 62; M.A. Wisconsin (Madison), 65, Ph.D.(psychol), 67. ASST. PROF. PSYCHOL, SOUTH FLORIDA, 67- Application of concepts and methods of analysis developed in information theory to the study of organizational processes involve in the learning and retention of verbal stimuli. Publ: Co-auth, Single, alternate, and successive practice in the acquisition of two and three serial lists, 76: 376-386. Effect of cue alternation for ordinal position upon acquisition and serial position curve form, 68 & Information theory and stimulus encoding in paired-associate acquisition: ordinal position of formal similarity, 68, J. Exp. Psychol. Address: Dept. of Psychology, University of South Florida, Tampa, Fla. 33620.
- NELSON, DR. HERBERT LEROY. Psychiatry. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- NELSON, DR. JOEL I, b. New York, N.Y., Aug. 22, 35; m. 63; c. 2. SOCIOLOGY. A.B. Columbia, 59; M.A. Yale, 63, Ph.D.(sociol), 65. Asst. prof. SOCIOL, MINNESOTA, MINNEAPOLIS, 65-69, ASSOC. PROF, 70- Sociol. Asn. Analysis of the structure of social stratification. Publ: Clique contacts and family orientations, 66 & Participation and integration, 68, Am. Sociol. Rev. Anomie, Am. J. Sociol., 68. Address: Dept. of Sociology, University of Minnesota, Minneapolis, Minn. 55455.
- NELSON, PROF. LOIS AUDREY, b. Stoughton, Wis, May 11, 29. SPEECH PATHOLOGY. B.S. Wisconsin, Madison, 54, Ph.D.(speech), 60; M.A. Western Michigan, 55. Speech therapist, Lehigh County Crippled Children's Soc, Allentown, Pa, 55-56; asst. pres. Nat. Ed. TV, 53-55; prof. commun. lit. arts div, San Francisco State Col., 55-57; prof. journalism & v.pres. col. lit. sci. & arts, Michigan, 57-61; PROF. COMMUN. & CHMN. DEPT, STANFORD, 61- Consult. Govt. Am. Samoa, 66-; U.S. Info. Serv., 67-; Govt. E. Africa, 68; U.S. Off. Ed, 68- Mem. U.S. Delegation to U.S.S.R., 59; exec. dir, White House Conf. Ed, 65. Communications research; journalism; broadcasting. Publ: Co-auth, Educational television: next ten years, U.S. Off. Ed, 62 & Satellite communications—case for India, U.S. Dept. State, 68; auth, Education in American Samoa: 1970, Univ. Hawaii, 70. Address: Dept. of Communications, Stanford University, Stanford, Calif. 94305.
- NELSON, PROF. RANDALL H(YLMAN). Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also chmn, 69- Dept. of Government, Southern Illinois University, Carbondale Ill. 62901.
- NELSON, DR. RANDOLPH JAMES, b. Pontiac, Mich, July 19, 29; m. 54; c. 2. EDUCATIONAL PSYCHOLOGY. B.S. Eastern Michigan, 53, M.A. 60; Ph.D.(ed), Wisconsin, 53. Lectr. counseling & behavior studies, Wisconsin, 63-64; asst. prof. ed. & guid, Colorado State, 64-66; ASSOC. PROF. ED. PSYCHOL. & GUID, CONNECTICUT, 66- Dir, Adv. Inst. Guid. & Counseling, 67-68; asst. dir, Teaching the Talented Prof, 69-71; Student Personnel Specialist Prof, 70-71; v. lectr, Wisconsin, summer 69. U.S.A., 53-55. Psychol. Asn; Ed. Res. Asn; Personel & Guid. Asn; Nat. Voc. Guid. Asn. Identification of gifted and talented individuals; guidance of talented youth from disadvantaged environments; systems analysis research applied to pupil personnel services. Publ: Relationships of reported television viewing to selected characteristics reported by superior high school students, Dissertation Abstracts, 63; co-auth, Television and the superior student, Sch. & Soc, 12/64 & School counselor problems in Colorado and Massachusetts, Personel & Guid. J., 12/67. Address: Dept. of Educational Psychology, University of Connecticut, Storrs, Conn. 06268.
- NELSON, DR. ROBERT A. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Fed. exec. fel, Brookings Institution, 70- Address: 6723 Tenneyson Dr, McLean, Va. 22101.
- NELSON, PROF. ROGER H, b. Spring City, Utah, Mar. 7, 31; m. 56; c. 2. MANAGEMENT, FINANCE. B.S. & M.S. Utah, 53; Danforth Found. fel, Columbia, 57-58, Ed.D.(mgmt), 58. Lectr. MGT, UTAH, 53-55, instr., 56-57, asst. prof., 58-63,



- assoc. prof. 64-70, PROF. 70--ASST. DEAN COL. BUS. 69-- Found. Econ. Ed. scholar, Mt. Bell, 68; v-pres. Comput. Logic Corp. 70-- Consult. bur. econ. & bus. res. & bur. Indian serv. Univ. Utah; Circuit & Edgington; Continental Thrift & Loan; J.A. Hogle & Co.; Kennecott Copper Corp.; Mt. Bell; U.S. Air Force, Europe; Bur. Indian Affairs, U.S. Dept. Interior; Utah State Indust. Promotion Cmn; Utah Power & Light Co.; Weber Indust. Promotion Cmn; Biologics, Inc.; consult. to v-pres. Comput. Logics, Inc. 69-- Mgt. Asst. Admin. Mgt. Soc. Management information science and systems; Industrial feasibility research; managerial communications; computer software. Publ: Co-auth. Evaluation and impact of the Small Business Administration's financial assistant program in Utah, 1954-1960. U.S. Govt. Small Bus. Admin. & Bur. Econ. & Bus. Res. Univ. Utah, 62; auth. Utah: optimum site for metal fabricating plants, Utah State Indust. Promotion Cmn, 68; Management and the age of the worker, Am. Mgt. Soc. Mgt. Bull. 10/64. Address: 2662 Skyline Dr, Salt Lake City, Utah 84108.
- NELSON, PROF. SHERWOOD M(ATHIS). Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- NELSON, PROF. TED RICHARD, b. Hastings, Nebr. Nov. 15, 31; m. 52; c. 3. AGRICULTURAL ECONOMICS. B.S. Nebraska, Lincoln, 53, M.S. 59; Ph.D. (agr. econ.) Okla. State, 64. Asst. county agent, Nebraska, 55-56; county agent, 56-58; asst. prof. AGR. ECON. 59-65; assoc. prof. OKLA. STATE, 65-68, PROF. 68-- Mem. Nat. Exten. Cmt. Coord. Electronic Data Processing Farm Mgt. 66-69. U.S.A. 53-55, Res. 55-62, Capt. Agr. Econ. Assn. Extension farm management; farm planning; linear programming resource allocation; farm policy. Publ: Co-auth. Sources and repercussions of changing U.S. farm real estate values, Okla. State Univ. Exp. Sta. 4/56; auth. Analysis of fertilizer potential in the Southwest, Plant Food Rev. 12/67; Discussion of comprehensive agricultural data systems, J. Farm Econ. 12/67. Address: Room 532 Agriculture Hall, Oklahoma State University, Stillwater, Okla. 74074.
- NELSON, DR. WILLIAM GERALD. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 3302 Cathedral of Learning, University of Pittsburgh, Pittsburgh, Pa. 15213.
- NELSON, DR. WILLIAM RICHARD. Political Science, Law. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Retire from U.S. Air Force; prof. & chmn. 69-- Dept. of Political Science, Memphis State University, Memphis, Tenn. 38111.
- NEMETH, DR. CHARLAN, b. St. Louis, Mo. Dec. 29, 41. PSYCHOLOGY. B.A. Washington (St. Louis), 63; Nat. Insits. Health fel. Wisconsin, Madison, 63-65, M.A. 65; Nat. Insits. Health fel. Cornell, 67-68, Ph.D. (soc. psychol.), 68. Res. asst. Oxford, 65-66; ASST. PROF. PSYCHOL. CHICAGO, 68-- Vis. prof. Bristol, 69; Paris, 69-70. Psychol. Assn. Attribution theory; social influence; bargaining; social psychology. Publ: Effects of free vs. constrained behavior on attraction between people, J. Personality & Soc. Psychol. (in press). Soc. Rehab. Adm. teaching & training grant, 68-- Consult. Address: Dept. of Psychology, University of Chicago, Chicago, Ill. 60637.
- NERBONNE, DR. G. PATRICK, b. Lansing, Mich. Mar. 17, 37; m. 60; c. 2. SPEECH SCIENCE, EXPERIMENTAL PHONETICS. B.S. Central Michigan, 59; M.A. Mich. State, 62, Ph.D. (audiol. speech sci.), 67. ASST. PROF. SPEECH, MASSACHUSETTS, AMHERST, 67-- Speech & Hearing Assn. Publ: Passavant's phenomenon, J. Mich. Speech & Hearing Assn. 67, Speech reading and the synthesis of distorted printed sentences, J. Speech & Hearing Res., 3/70 & Most common words used in conversations: Western Massachusetts, J. Commun. Disorders, 5/70. Address: Dept. of Speech, University of Massachusetts, Amherst, Mass. 01002.
- NERLOVE, PROF. MARC L(EON). Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. 69-- Dept. of Economics, University of Chicago, 1126 E. 59th St, Chicago, Ill. 60637.
- NESER, PROF. WILLIAM B., b. Baltimore, Md. Apr. 20, 27; m. 54; c. 2. SOCIAL EPIDEMIOLOGY. B.A. Maryland, 52; M.S.S.A. Western Reserve Univ., 54; M.S.P.H. Missouri, 66; U.S. Pub. Health Serv. fel. 68-69. Caseworker, Highland View Hosp. 54-57, Instr. soc. work & supvr. 58-61; instr. community health & soc. work, MISSOURI-COLUMBIA, 61-62, asst. prof. 62-65, ASST. PROF. COMMUNITY HEALTH & ASSOC. PROF. SOC. WORK, 66-- (Prof. dir. Soc. Rehab. Adm. teaching & training grant, 68-- Consult. Mo. Crippled Children's Serv. 62-63. Nat. Assn. Soc. Workers; Pub. Health Assn.; Acad. Cert. Soc. Workers; Asn. Teachers Prev. Med.; Coun. Soc. Work Ed.; Royal Soc. Health. Medical and public health social work; social aspects of epidemiology; physical rehabilitation; venereal disease. Publ: Co-auth. The host agent model in social work research, Soc. Work, 4/68. Special problems encountered in the rehabilitation of quadriplegic patients. In: Differential diagnosis and treatment in social work, Free Press, 69 & Importance of homosexuals and bisexuals in the epidemiology of syphilis, South. Med. J. 2/69. Address: Dept. of Community Health, University of Missouri Medical School, Columbia, Mo. 65201.
- NESS, DR. THOMAS EUGENE, b. Van Wert, Ohio, Sept. 11, 37; m. 64. MARKETING. A.B. Albion Coll. 58; B.S.E. Michigan, 59; M.S.I.A. Purdue, 64, Ford Found. fel. 66-67, Ph.D. (indust. admin.) 68. Engr. Standard Oil Co. Calif. 59-64; instr. acct. & finance, Purdue, 64-66; faculty lect. MKT. INDIANA, 67-68, ASST. PROF. 68-- U.S.A.R. 61-69. Mkt. Assn. Adoption and diffusion of innovations with special emphasis on new product planning and introduction in both the consumer and industrial sectors of the market place. Publ: Co-auth. Marketing models, Vol. II: Behavioral science applications, Int. Textbook, 70. Address: Graduate School of Business, Indiana University, Bloomington, Ind. 47401.
- NESVOLD, DR. BETTY A., b. Pensacola, Fla. Aug. 12, 22; m. 43; c. 5. POLITICAL SCIENCE. B.A. San Diego State Coll. 61, M.A. 64; Nat. Defense Ed. Act fel. Minnesota, 65-67, Ph.D. (polit. sci.) 68. ASST. PROF. POLIT. SCI., SAN DIEGO STATE COLL. 67-- Consult. Nat. Cmn. Causes & Prevention of Violence, 69-- Polit. Sci. Assn. Cross national studies of conflict and violence. Publ: Co-auth. Quantitative macroanalysis: conflict, development and democracy, Sage, 70; auth. Scalogram analysis of political violence, Comp. Polit. Stud. 89. Address: Dept. of Political Science, San Diego State College, San Diego, Calif. 92115.
- NETHERS, PROF. JOHN L. Modern & Latin American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- NETT, DR. EMILY M(ARGARET). Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. 69-- University of Evansville, P.O. Box 320, Evansville, Ind. 47704.
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- NEUFELD, DR. CHARLES MAXWELL, b. New York, N.Y. Oct. 14, 20; m. 44; c. 3. ECONOMICS. B.S. N.Y. Univ. 49; M.A. Florida, 64, Ph.D. (econ.) 66, asst. prof. ECON. WESTERN CAROLINA, 69-70, ASSOC. PROF. 70-- HEAD DEPT. 68-- acting head dept. 67-68. U.S.N. 41-49; U.S.A. 49-63, Lt. Col. Econ. Assn. Public finance and the relationships between state and local governments and the effects on land use and land use policy. Address: Dept. of Economics, Western Carolina University, Cullowhee, N.C. 28723.
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- NEUHAUSER, DR. JOHN J., b. New York, N.Y. Apr. 7, 43; m. 65; c. 2. MANAGEMENT SCIENCE, OPERATIONS RESEARCH. B.S. Manhattan Coll. 64; M.S. Rensselaer Polytech. Inst. 65, Ph.D. (ops. res.), 68. Res. assoc. ops. res. Rensselaer Res. Corp. 66-68; admin. comput. & info. systs. Rensselaer Polytech. Inst. 68-69; ASST. PROF. MGT. & COMPUT. SCI. & BR. COMPUT. PLANNING, BOSTON COLL. 69-- Inst. Mgt. Sci.; Statist. Assn. Application of management science techniques in university administration, particularly the design of information systems. Address: Dept. of Management & Computer Science, Boston College, Chestnut Hill, Mass. 02167.
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- NEUMANN, DR. EDWARD SCHREIBER, b. Harvey, Ill. Mar. 6, 42; m. 69. ENVIRONMENTAL HEALTH PLANNING. B.S. Michigan Tech. 64; M.S. Northwestern, 67, Ph.D. (civil eng.) 69. ASST. ADJ. PROF. ENG. & STATIST. GRAD. CENTER EXTN. MISS. STATE, 69-- MIL. ASST. ENVIRON. RES. WATERWAYS EXP. ST., U.S. ARMY CORP. ENGRS. 69-- C. Engr. U.S.A. 67-71, Capt. AAAS. Perception of environmental quality; modeling of ecological relationships as they pertain to pollution problems. Address: 940 Holbrook Rd, Apt. 28-C, Homewood, Ill. 60430.
- NEUMANN, DR. HARRY. Political Philosophy, Ethics. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- NEUMANN, DR. ROBERT G(ERHARD). Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Ambassador, Afghanistan, 67-- Address: KABUL, Dept. of State, Washington, D.C. 20521.
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- NEVEU, DR. RAYMOND PHILIP, b. Woonsocket, R.I. Sept. 28, 38; m. 61; c. 4. BUSINESS ADMINISTRATION. A.B. Providence Coll. 59; M.A. Boston Coll. 61; fel. Pittsburgh, 63, Ph.D. (bus. admin.) 68. Instr. bus. admin. Boston Coll. 63-65; asst. prof. bus. admin. Indiana State, 65-68; FINANCE, CINCINNATI, 68-70, ASSOC. PROF. 70-- Univ. res. grant, 69-71. U.S.A.R. 60-68. Econ. Assn.; Inst. Decision Sci. Financial management; commercial bank management; quantitative methods in finance; computer science and financial management; computerization of accounting and finance pedagogies. Publ: Co-auth. Computerized accounting: level I, Indiana State Univ. 68; auth. Commercial bank risk behavior: some research problems, Ind. Acad. Soc. Sci. 68; co-auth. COMPACT: the use of computer science to improve accounting pedagogy. Decision Sci. 70. Address: College of Business Administration, University of Cincinnati, Cincinnati, Ohio 45221.
- NEVILLE, DR. DONALD D(EAN). Psychology, Education. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. ed. & psychol. George Peabody College for Teachers, Nashville, Tenn. 37203.
- NEVINS, DR. ARTHUR JAMES, b. New York, N.Y. Sept. 22, 37; m. 60; c. 2. ECONOMICS, COMPUTING SCIENCE. B.S. Cornell, 59; M.S. 59, M.A. Rochester, 62, Ph.D. (econ.) 65. Fel. Carnegie Inst. Tech. 64-65; sr. scientist, logistics res. proj. GEORGE WASHINGTON, 65-69; SR. STAFF SCIENTIST, INST. MGT. SCI. 69-- Artificial intelligence. Publ: Some effects of uncertainty: simulation of a model of price, Quart. J. Econ. 2/66 & A programming language with automatic goal generation and selection, J. Assn. Comput. Mach. 4/70. Address: Institute for Management Science & Engineering, George Washington University, Washington, D.C. 20037.
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- NEWBROUGH, DR. J(OHNN) R(OBERT). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: George Peabody College, Box 40, Nashville, Tenn. 37203.
- NEWCOMBE, DR. ALAN G., b. Hamilton, Ont. Mar. 9, 23; m. 46; c. 3. PEACE RESEARCH, ORGANIC CHEMISTRY. B.A. McMaster, 45; M.A. Toronto, 47, Ph.D. (org. chem.) 50. Fel. phospholipid synthesis, Banting Inst. Toronto,

- 49-51; res. assoc. lignin chem, Ont. Res. Found, 51-55; res. dir. textile chem, Porritts & Spencer Can/Ltd, 55-63; CO-ED. PEACE RES. CAN. PEACE RES. INST, 63. Peace Res. Soc. (Int); Can. Peace Res. & Ed. Assn. Peace research and social science documentation; measurement of tension between nations as revealed by military expenditures; response sequences between nations, groups or individuals. Publ: Co-auth, Peace research around the world, Can. Peace Res. Inst, 69; auth, Initiatives and responses in foreign policy, Peace Res. Reviews J, 6/69 & Towards the development of an inter-nation tensiometer, Papers Peace Res. Soc. (Int), Copenhagen, 69. Address: 25 Dundana Ave, Dundas, Ont, Can.
- NEWCOMER, PROF. HALE A. International Business, Marketing. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. bus. admin, 68-, Division of Marketing, School of Business, North Texas State University, Denton, Tex. 76201.
- NEWCOMER, PROF. HALE L (LOYD). Accounting. See 11th ed, Soc. & Behav. Vols, deceased 69.
- NEWELL, PROF. BARBARA WARNE. Labor Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also acting v. pres. student affairs, 68-. University of Michigan, 1011 Student Activities Bldg, Ann Arbor, Mich. 48104.
- NEWELL, DR. CHARLDEAN, b. Ft. Worth, Tex. Oct. 14, 39. POLITICAL SCIENCE. B.A. North Texas State, 60, M.A. 62, Ph.D. (polit. sci), Texas Austin, 68. Instr. GOVT, NORTH TEXAS STATE, 65-68, ASST. PROF, 68-, faculty res. grant, 69-70. Faculty coordinator, continuing ed. prog, Asn. City Personnel & Civil Serv. Off. Tex, 69-; ed. consult. & lectr, new careers prog, Dallas Co. Community Action Coun, War on Poverty, summer 69. Soc. Pub. Admin. Polit. Sci. Assn. Publ: County representation and legislative reapportionment, Inst. Pub. Affairs, Univ. Texas, 66; Texas urban government: some recent developments, Pub. Affairs Comment, 5/64 & In: Governing Texas: documents and readings, Crowell, 66; Texas metropolitan areas: prospects for governmental reorganization, In: Governing Texas: documents and readings, Crowell, 2nd ed, 70. Address: Box 5367, North Texas Station, North Texas State University, Denton, Tex. 76203.
- NEWMAN, DR. CHARLES L. Criminology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: D.P.A. New York Univ, 69. Address: Center for Law Enforcement & Corrections, Pennsylvania State University, University Park, Pa. 16802.
- NEWMAN, DR. DOROTHY K (RALL). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Res. dir. Nat. Urban League, 69- Address: 3508 Woodbine St, Chevy Chase, Md. 20015.
- NEWMAN, DR. EARL NELSON, b. Henryetta, Okla., Jan. 17, 27. PSYCHOLOGY. B.S. Okla. State, 49, M.S. 50; Ed.D. (ed. psychol), 57; Baylor, 58; Nat. Sci. Found. grant, Fla. State, 59; Iowa State Teachers Col, 61; Tulsa, 65, 66. Teacher high sch, Okla., 50-66; asst. prof. PSYCHOL, CENT. STATE COL (OKLA), 66-69, ASSOC. PROF, 69-. Vis. prof, Carson-Newman Col, 60; prof, State Col. Ark, 66, 68, consult, faculty workshop, 67. Psychol. consult, Kingfisher County Schs, 67-68. U.S.A. 45-46. AAAS; Psychol. Assn. Developmental and educational psychology; counseling. Publ: Let your high school science department help you, Eighth Yearbook Elem. Sch. Adminstrs, Okla. Ed. Assn, 56; The teacher corps-a report of progress, Okla. Teacher, 2/68 & Personality factors in athletics, Res. Quart, 12/68. Address: Dept. of Psychology, Box 10, Central State College, Edmond, Okla. 73034.
- NEWMAN, DR. EDWIN B (ROOMELL). Experimental Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. psychol, 69-, Harvard University, 770 William James Hall, Cambridge, Mass. 02138.
- NEWMAN, PROF. FRANK (CECIL). Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- NEWMAN, DR. FREDERICK L. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-, Dept. of Psychology, Box 8185, University of Miami, Coral Gables, Fla. 33124.
- NEWMAN, PROF. HERBERT E (LLIS). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn, 69-, Dept. of Economics & Sociology, Hood College, Frederick, Md. 21701.
- NEWMAN, DR. JOSEPH. Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn, 69-, Dept. of Special Education & Rehabilitation, University of Pittsburgh, Pittsburgh, Pa. 15213.
- NEWMAN, PAUL HAROLD. Industrial Engineering. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Sys. specialist & proj. head, 69-, System Development Corp, 2315 E. Pikes Peak Ave, Colorado Springs, Colo. 80909.
- NEWMAN, PROF. ROBERT (PRESTON). Speech, Communications. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- NEWMAN, DR. RUTH E (INSIDLER). Social & Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Staff psychologist, Comprehensive Community Ment. Health Center, Meadowbrook Hosp, 69- Address: 250 Woodside Ave, Ridgewood, N.J. 07450.
- NEWMAN, DR. SIDNEY H (AROLD). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Behav. scientist adminstr. pop. & res. grants br, 68-. Center for Population Research, National Institute of Child Health & Human Development, Bldg. 12A, 3055 Bethesda, Md. 20014.
- NEWSOM, DR. ROBERT TAYLOR, b. Coleman, Tex. Feb. 9, 37; m. 61; c. 2. ECONOMICS. B.A. Texas, 59; Nat. Defense Ed. Act fel, Tulane, 59-62, Ph.D. (econ), 66. Lectr. econ. hist, McGill, 62-63; asst. prof. econ. LA. STATE, NEW ORLEANS, 66-68, assoc. dir. DIV. BUS. & ECON. RES, 68-69, DIR, 69-. U.S.A. 63-65, 1st Lt. Econ. Assn; Econ. Hist. Assn; Brit. Econ. Hist. Soc. Regional economics; employment changes and structure by sub-areas. Publ: Metropolitan and nonmetropolitan employment changes, Soc. Sci. Quart, 9/69. Address: 8313 Polana St, New Orleans, La. 70118.
- NEWTON, DR. JOSEPH EMORY O'NEAL. Psychiatry, Psychophysiology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Res. physiologist, 68-, Neuropsychiatric Research Lab, Veterans Administration Hospital, North Little Rock, Ark. 72114.
- NEWTON, DR. NILES. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. neurol. & psychiat, 68-, Division of Psychology, Northwestern University Medical School, 303 E. Chicago Ave, Chicago, Ill. 60611.
- NEWTON, DR. ROBERT EDWARD. Political Science, Public Law. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: State Rep, 69-. Iowa House of Representatives, Statehouse, Des Moines, Iowa 50319.
- NEYER, PROF. JOSEPH. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- NICHOL, DR. HAMISH. Psychiatry. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- NICHOLAS, DR. RALPH WALLACE, b. Dallas, Tex. Nov. 28, 34; m. 63. ANTHROPOLOGY. A.B. Wayne State, 57; Lichtster. Fund grant, M.M. Chicago, 58, Cmt. South. Asian Studies fel, 58-59, Ford Found. Foreign Area Training fcls, 59-60, 61 & 62, Ph.D. (anthrop), 62. Teaching asst, ANTHROP Chicago, 58-59; vis. res. fel, Sch. Oriental & African Studies, London, 62-63; asst. prof, Portland State Col, 63-64; MICH. STATE, 64-66, assoc. prof, 66-69, PROF, 69-. CIMN. CMT. SOUTH ASIAN STUDIES, ASIAN STUDIES CENT. TER, 68-. Summers, temporary asst. prof, Mich. State Univ, 63, vis. assoc. prof, Univ. Chicago, 66. Consult, U.S. Dept. Labor & Agency Int. Develop. Int. Manpower Inst, 67. Mem. panel on South Asia, Cmt. Instnl. Coop, 66-; lectr, Va. Asian Studies Consortium, 67; co-dir, Inter-Univ. rotating summer prog. in South Asian Studies, 68. Fel, Anthropol. Assn; Asn. Asian Studies; fel, Royal Anthropol. Inst. Gt. Brit. & Ireland. Social organization, with emphasis on political, economic and religious organization of communities in rural India, particularly Bengal. Publ: Factions: a comparative analysis. In: Political systems and the distribution of power, Praeger, 65; Ritual hierarchy and social relations in rural Bengal, Contrib. Indian Sociol, 67; Structures of politics in the villages of Southern Asia, In: Structure and change in Indian society, Aldine, 68. Address: Dept. of Anthropology, Michigan State University, East Lansing, Mich. 48823.
- NICHOLS, DR. BYRON A. b. Los Angeles, Calif. Dec. 19, 42; m. 66. POLITICAL SCIENCE. A.B. Occidental Col, 64; M.A. Hopkins, 66; Woodrow Wilson & Danforth fcls. & Ph.D. (int. rels), 69. Instr. POLIT. SCI. UNION COL (N.Y.), 68-69, ASST. PROF, 69-. Polit. Sci. Assn. Comparative politics and political development as they apply to Latin America. Address: Dept. of Political Science, Union College, Schenectady, N.Y. 12308.
- NICHOLS, DR. DAVID (ANTHONY). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof, 69-, Dept. of Interdisciplinary Studies in Social Science, Case Western Reserve University, Cleveland, Ohio 44106.
- NICHOLS, PROF. JOHN R (CHARD). Experimental Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 68-, Pennsylvania State University, Capitol Campus, Middletown, Pa. 17057.
- NICHOLS, DR. ROBERT C (OSBY). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. & chmn, 68-, Dept. of Educational Psychology, State University of New York at Buffalo, Buffalo, N.Y. 14214.
- NICHOLS, DR. WILLIAM CURTIS, JR. b. Fayette, Ala. Apr. 16, 29; m. 54; c. 3. PSYCHOLOGY, SOCIOLOGY. A.B. Alabama, 53; Ed.D. (family), Columbia, 60. Asst. prof. sociol, Alabama, Birmingham, 60-63; prof, Samford, 63-65; mem. faculty psychotherapy, Merrill-Palmer Inst, 65-69; ASSOC. DIR, ADV. BEHAV. SCI. CENTER, 69. Fel, Merrill-Palmer Inst, 63-64; summer, Nat. Sci. Found. fel, Colorado, 63. Private practice, 69- Ed. Family Coordinator & Quart. J. Nat. Coun. on Family Relts, 70-72. C. Eng. U.S.A. 48-49. AAAS; Psychol. Assn; Sociol. Assn; Asn. Marriage Coun. Psychotherapy; marriage and the family; personality. Publ: Co-auth, Psychotherapy with teenagers, J. Marriage and the Family, 5/65; auth, Personal psychotherapy for the marital therapist, 4/68 & co-auth, Family problems in upgrading the hardware, 4/69, Family Coordinator. Address: 1321 Yorkshire Rd, Grosse Pointe Park, Mich. 48230.
- NICHOLSON, PROF. NORMAN L (EON). Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: No longer dean univ. col, 69, Dept. of Geography, University of Western Ontario, London 72, Ont, Can.
- NICKERSON, DR. RAYMOND STEPHEN, b. Bangor, Maine, Nov. 5, 31; m. 53; c. 4. EXPERIMENTAL PSYCHOLOGY. B.A. Barrington Col, 54; M.A. Maine, 59; Ph.D. (exp. psychol), Tufts, 65. Res. psychologist, Decision Sci. Lab, U.S. Air Force, 58-66; sr. scientist, BOLT BERANEK & NEWMAN, INC, 66-69, DIR. BEHAV. SCI. DIV, 69-. Lectr, part-time, Northeastern, 65-66, Tufts, 68-. Consult. ed. J. Exp. Psychol, 69. Mem. bd. trustees, Barrington Col, 69. U.S.A. 55-57. Psychol. Assn; Asn. Comput. Mach. Psychonomic Soc. Reaction time; memory; information processing; man-computer interaction. Publ: Expectancy, waiting time and the psychological refractory period, In: Attention and performance, North Holland Pub, 67. Categorization time with categories defined by disjunctions and conjunctions of stimulus attributes, In: Information processing approaches to visual perception, Rinehart & Winston, Inc, 69; Man-computer interaction: a challenge for human factors research, Ergonomics, 12: 501-517, Man-Machine Sys., Vol. 10, No. 4. Address: 5 Gleason Rd, Bedford, Mass. 01730.
- NICKLEY, BRADLEY BAER, b. York, Pa. Feb. 11, 31; m. 56; c. 2. MANAGEMENT SCIENCES, SYSTEMS ANALYSIS. B.S. Eng. San Diego State Col, 61, M.S.B.A., 66. Indust. engr, Utah Div, Kennecott Copper Corp, 60; indust. eng. analyst, Ryan Aeronaut. Co, 60-61; indust. engr, mgt. eng. div, Norton



- Air Force Base, 61-62, supv. indust. engr. data serv. div, 62-63; proj. dir. personnel sys. res. dept, U.S. Navy Personnel Res. Activity, 63-66; gen. engr., Corona Labs, U.S. Navy Weapons Center, 66-68; OPER. RES. ANALYST, FOREST FIRE LAB, U.S. FOREST SERV., 68- Consult, Corona Labs, U.S. Navy Weapons Center, 68. Inst. Mgt. Sci. Inst. Indust. Eng. Statist. Anal. Analysis and design of commercial, military and governmental man-machine systems; formulation and manipulation of analytic models of tactical weapons; personnel and planning systems. Publ: Co-auth, Analysis of navy enlisted personnel retention variables, PRASD Res. Report, 3/65; auth, Effects of ARM on the illumination-engagement envelop of Mod 1 Guideline Missile, 9/67 & Examination of the potential use of the standard ARM Mod 0 system in Southeast Asia, 11/67, Corona Labs, U.S. Navy Weapons Center. Address: Forest Fire Laboratory, 4955 Canyon Crest Dr., Riverside, Calif. 92507.
- NIEDZIELSKI, DR. HENRI. Romance Languages, Linguistics. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang. Ling. & Philol.
- NIEHOFF, DR. PETER H., b. Knoxville, Tenn., May 22, 39; m. 67; c. 1. ECONOMICCS. B.A., Lawrence, 62; M.A., Illinois, 63; B.A., Mich. State, 66; Ph.D. (econ), Nebraska, 69. Instr. ECON, Geo. Col., 63-64; Western Michigan, 67; Nebraska, 68-69; ASST. PROF., DENVER, 69- Lectr. Colo. Tax Cmn, 70; Shell Oil Co. grant, 70. Consult, Mt. Bell Tel. Co., 69; State Planning Ed., Colo., 69- Econ. Assn. Applications of network analysis to economics; econometrics. Address: Dept. of Economics, University of Denver College of Business Administration, Denver, Colo. 80210.
- NIELSEN, PROF. AKSEL E. VALD. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Economics, Garner-Webb College, Boiling Springs, N.C. 28017.
- NIELSEN, DR. WINIFRED M(OON), b. Key West, Fla. Aug. 16, 17, 37, 44; c. 3. PSYCHOLOGY. B.A., Florida, 58, M.A., 60, Ph.D. (psychol), 62. Res. asst. parapsychol. lab, Duke, 54-55, res. fel, 55-56, fel, 63-64; asst. prof. psychol. Mary Washington Col., Virginia, 62-63; trainee clin. psychol. Vet. Admin., 64-65; state parapsychol. N.C. Div. Voc. Rehab., 65-66, state res. psychologist & consultant, 66-69; RES. ASSOC. INST. PARAPSYCHOL., 69- AAAS; Psychol. Assn. Parapsychol. Assn. Aptitudes as intrinsic motives; the incubation effect in problem-solving; the role of stimulus materials, cognitive characteristics, and affective states in extrasensory perception and in learning; group extrasensory perception effects. Publ: Co-auth, The graduate record examination and selection of graduate students. Am. Psychologist, 10/61. Consistency of relationship between ESP and emotional variables, 6/65 and auth, Studies in group effects: I. Mood, personality characteristics, and group target, 6/70, J. Parapsychol. Address: P.O. Box 642, St. Mary's Rd., Hillsborough, N.C. 27278.
- NIELSON, DR. MELVIN (ANDREW), b. Salt Lake City, Utah, May 14, 25; m. 50; c. 6. SPEECH PATHOL. & AUDIOLOGICAL, S. Utah, 52, M.S., 54, Ph.D. (speech path), 67; Off. Voc. Rehab. trainee, Iowa, summer, 63 & 64. Res. asst. speech sci. col. med, Utah, 54-55; dir. speech & hearing dept., Primary Children's Hosp, Salt Lake City, Utah, 55-64; DR. AUDIOL. & RES. UTAH STATE SCHO. FOR DEAF & BLIND, 64- Clin. instr. Univ. Utah, 62- Consult, deph. phys. med., Latter-day Saints Hosp, Salt Lake City, Utah, 56-62, audiologist & consultant, Salt Lake City, Utah, 62-64. AAAS & American Speech & Hearing Assn. Bulbar polio speech problems; classroom achievement and degree of hearing loss; amplification systems used in schools for the deaf. Publ: Co-auth, Mechanisms of disability of speech resulting from poliomyelitis. Annals of Otol., Rhinology & Laryngol., 3/57, Studies of the pharynx, J. Psychiat., 6/57 and An experimental comparison of group amplification systems, Utah Schs. for Deaf & Blind, Ogden. Address: 680 E. Oaklane Circle, Kaysville, Utah 84037.
- NIEMEIC, DR. LEON J(OSEPH). Health Science Administration. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Exec. secy. dent. training cmt. Nat. Inst. Dent. Res. 69- Address: 4411 Westbrook Lane, Kensington, Md. 20795.
- NIEVES-FALCON, DR. LUIS, b. Bayamon, P.R., Dec. 29, 29; m. 61. SOCIOLOGY. B.A., Puerto Rico, 50; M.A., N.Y. Univ., 55; Ph.D. (sociol.), London, 63. Instr. social ed. of Puerto Rico, 55-60, asst. prof., 60-63, ed. res. center, 63-65, dir. curriculum dev. Commonwealth Dept. Ed. 65-66, assoc. prof. social, PUERTO RICO, SAN JUAN, 66-67, DIR. SOC. SCI. RES. CENTER, 67- Consult, P.R. Forum, Aspira, 60-66; Secy. Ed. Commonwealth P.R., 64-68. Fel. AAAS; fel. Sociol. Assn. Social mobility; educational institutions; occupational structure; poverty and dependence. Publ: Recruitment of higher education in Puerto Rico, Editorial Universitaria, 65, Inventario de investigaciones sobre el niño puertorriqueño, Educ. A.P. & Accion comunal y educacion pre-escolar, Editorial Edif., 70. Address: 1503 Ashford Ave., Apt. 12-C, Santurce, P.R. 00908.
- NIGRO, PROF. FELIX ANTHONY. Public Administration. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69- Dept. of Political Science, University of Georgia, 106 Le Conte Hall, Athens, Ga. 30601.
- NIJIM, DR. BASHEER K(HALIL), b. Tulkarm, Palestine, Sept. 13, 36; U.S. citizen; m. 66; c. 1. GEOGRAPHY. B.A., Augusta Col. (Ill.), 57; Hopkins, 57-58; Harvard, summer, 62, M.A., Indiana, 59, Ph.D. (geog), 69. Asst. prof. GEOG., NORTHERN IOWA, 62-69, ASSOC. PROF., 69- HEAD DEPT. 70-, acting head dept., 69-70. Vis. asst. prof. American Univ. Beirut, 66-67. Consult, Atlas of Bible Lands, World Pub. Co., 66- AAAS; Asn. Am. Geog. Assn. Geog. Soc. Nat. Coun. Geog. Ed. Mid. East Inst. Mid. East Studies Asn. N. Am. Political geography; factors in conflict potential and conflict resolution; international riparian regulation. Publ: The geography of a state, Iowa Geog., 10/67 & Israel and the potential for conflict, Prinl. Geog., 9/69. Address: Dept. of Geography, University of Northern Iowa, Cedar Falls, Iowa 50613.
- NIKIAS, DR. MATA KOUVARI, b. Athens, Greece, Jan. 22, 31; U.S. citizen; m. 60; c. 2. SOCIAL SCIENCES, DENTISTRY. Dr. dent. surg., Athens, 63; M.S., Columbia, 60, Ph.D. (sociomed. sci.), 67. Res. clin. dent. Sotiria Hosp., Athens, Greece, 53-56; fel. Eastman Dent. Dispensary, Rochester, N.Y. 57-58; trainee epidemiol. & admin. med. sch. pub. health, Columbia, 61-63; assoc. proj. dir. dent. care res. Group Health Ins., 64-67; ASST. PROF. SOC. CIOMED SCI, SCH. PUB. HEALTH & ADMIN. MED., COLUMBIA, 68- Brit. Coun. scholar, Liverpool & London, Eng., 56-57; co-dir. sociol. res. training prog., U.S. Pub. Health Serv. grant award, 68- Pub. Health Assn. N.Y. Acad. Sci. Medical and dental care delivery and utilization; sociomedical and sociolateral research methodology; social factors in health and health care. Publ: Co-auth, Insured dental care, Group Health Ins., 67; auth, Social class and the use of dental care under prepayment, Med. Care, 68; Prepaid dental care: patterns of use and source of premium payment, Am. J. Pub. Health, 69. Address: 170-04 Highland Ave., Jamaica, N.Y. 11432.
- NIKOLOFF, PROF. OLIVER MUMFORD, b. Cincinnati, Ohio, Apr. 7, 26; m. 51; c. 1. PSYCHOLOGY. B.A., Cincinnati, 49, B.S. Ed., 51; M.S., Xavier (Ohio), 54, fel. Syracuse, 56-57, Ph.D. (psychol), 63. Teacher-counselor, sr. high sch., Ohio, 50-56; counseling psychologist, Vet. Admin., 57-58; sch. psychologist, Bd. Coop. Ed. Serv., N.Y., 58-61; PROF. spec. ed. State Univ. N.Y. Col. Buffalo, 61-66; ED. PSYCHOL. STATE UNIV. N.Y. ALBANY, 68- Consult. psychologist, Bd. Coop. Ed. Serv., N.Y., 61-66; consult, Albany, Learning Disabilities Center, 66-68; N.Y. State Ed. Dept., 68- Rockland State Hosp., 68- U.S.A., 43-45. Psychol. Assn.; Ed. Res. Assn.; Coun. Except. Children. Education of emotionally disturbed children; learning in early childhood. Address: 5 Roberts Lane, Saratoga Springs, N.Y. 12666.
- NDMAN, DR. JUDITH GARRETTSON, b. St. Louis, Mo., Apr. 4, 43; m. 69. PSYCHOLOGY, EDUCATION. B.A., Vassar Col., 62, M.A., 64, Ph.D., 65. Heft & Patterson fel., 66-67, Nat. Defense Ed. Act fel., 67-69, Ph.D. (develop. psychol), 69. Lectr. ED. FOUND., HUNTER COL., 68-69, ASST. PROF., 69- Development of classification skills in elementary school children; meaning of reliability in tests of cognitive development; children's cognitive styles, especially as related to intelligence; what factors make words difficult. Publ: Cognitive style and logical thinking, J. Genetic Psychol. (in press). Address: Dept. of Educational Foundations, Hunter College, 695 Park Ave., New York, N.Y. 10021.
- NIMMER, PROF. MELVILLE BERNARD. Copyright Law, Constitutional Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- NISH, PROF. WILLIAM W(ALTER). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Chmn., 70-, Dept. of Psychology, Georgia College at Milledgeville, Milledgeville, Ga. 31061.
- NISS, DR. JAMES F., b. Genoa, Ill., Nov. 7, 33; m. 62; c. 2. ECONOMICS. B.S., Illinois, 55, M.A., 63, Ph.D. (econ), 65. Asst. prof. ECON. Illinois, Chicago Circle, 65-69; ASSOC. PROF., WESTERN ILLINOIS, 69- Bd. mem. Ill. Coun. Econ. Ed., 68. U.S.N., 55-57. Econ. Assn. American economic growth; economic education. Publ: Co-auth, Custom production and the ideal transaction, Land Econ., 68; auth, The effect of bidding procedures on profit and sales, J. Purchasing, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025. Address: Dept. of Economics, Western Illinois University, Macomb, Ill. 61455.
- NISSENSON, DR. MARC. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Clin. psychologist, 68- consult. ed. develop. center, New Trier High Sch., Winnetka & Divisor & Divisor, Cook County, Ill. Address: 966 Princeton Ave., Highland Park, Ill. 60035.
- NITSCH, PROF. THOMAS O(TTO). Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. econ., 69-, Dept. of Economics & Finance, Creighton University, Omaha, Nebr. 68131.
- NIXON, DR. JOHN WAYNE, b. Mt. Airy, N.C., Aug. 1, 37; m. 60; c. 2. AGRICULTURAL ECONOMICS. B.S., Berea Col., 59; M.S., N.C. State, 62; Ph.D. (agr. econ), Mich. State, 69. Res. asst., N.C. State, 59-62, res. assoc. domestic develop., 62-64; res. asst., Mich. State, 64-68, ASST. PROF. AGR. ECON. & RESOURCE ECON., GEORGIA, 68- Agr. Econ. Assn.; Econ. Assn. Resource economics, especially labor underemployment, individual earnings and human resource adjustment potential; teaching natural resource economics and policy. Publ: Co-auth, Optimum market age and weight of broilers, N.C. State Exp. Sta., 65 & Characteristics and problems of peanut marketing, Ga. Exp. Sta., 69. Address: Dept. of Agricultural Economics, University of Georgia, Athens, Ga. 30601.
- NIYEKAWA-HOWARD, DR. AGNES M(ITSUE). Psycholinguistics, Social Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Sr. specialist, 69-, Institute of Advanced Projects, East-West Center, 1777 East West Rd., Honolulu, Hawaii 96822.
- NOBLE, PROF. CLYDE E(VERETT). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New publ: Outline of psychological measurement, Univ. Georgia, 69; Principles of skill acquisition, Academic, 69. Address: Dept. of Psychology, University of Georgia, Athens, Ga. 30601.
- NOBLE, ROBERT VERNON. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- NOBLE, DR. WILLIAM CHARLES, b. Toronto, Ont., May 1, 41; m. 66; c. 2. ANTHROPOLOGY. B.A., Toronto, 64; Imp. Oil fel., Calgary, 68, Can. Coun. fel., 67-68, Ph.D. (archaeol), 68. Lectr. ANTHROP., McMASTER, 68-69, ASST. PROF., 69- Soc. Am. Archaeol.; Arctic Inst. N. Am.; Can. Archaeol. Assn. Sub-arctic boreal forest archaeology; Iroquois archaeology and ethnology. Publ: The excavation and historical identification of Rocky Mountain House, Nat. Hist. Sites, Ottawa, 70; Some social implications of the Iroquois in situ theory, Ont. Archaeol., 69. Address: Dept. of Anthropology, McMaster University, Hamilton, Ont., Can.
- NOBLIN, DR. CHARLES D(ONALD). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-, Dept. of Psychology, Virginia Commonwealth University, Richmond, Va. 23220.
- NOGEE, DR. PHILIP. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Independent consult. psychologist, 68- Address: 1035A Beacon St., Brookline, Mass. 02146.

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- NOONE, DR. DONALD J(OHNS). b. Jersey City, N.J. Aug. 21, 35; m. 65; c. 2. SOCIOLOGY. B.S. St. Peters College, 57; Ph.D. Fordham, 66, Rutgers, 66, Ph.D.(sociol), 69. RES. ASSOC. SOCIOL. MED. COL. CORNELL, 68- Vis. lectr. Cornell Univ.-N.Y. Hosp. Sch. Nursing, 68-69. AAAS; Sociol. Assn; Soc. Study Social Probs. Teacher and school board relationships; occupations and professions; complex organizations; sociology of education. Publ: School board vs. teachers—changing power relations in a school system, Inst. Mgt. & Labor Rel. Rutgers Univ. 70. Address: 4 Sweetbriar Rd, Somerset, N.J. 08873.
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- NORDQUIST, DR. SUE LE FEBVRE, b. Spokane, Wash. June 15, 37; m. 57. PSYCHOLOGY. B.A. Texas Christian, 57, M.A. 58, fel. 61-63, Ph.D.(psychol), 63. Asst. psychol., Texas Christian, 60-61; asst. prof. Texas Woman's Univ. 63-66; ASSOC. PROF. TARRANT COUNTY JR. COL. 66- Private practice clin. psychol. 66- Consult. Family Serv. Assn. AAAS; Psychol. Assn. Family counselor. Address: 5713 Trail Lake Dr. Ft. Worth, Tex. 76133.
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- NORTH, PROF. RONALD MORRIS, b. Stockton, Cal. Jan. 2, 34; m. 56; c. 3. FINANCE. B.S. Clemson, 54, Ph.D.(agr. econ, econ. theory), 65; M.S. Cornell, 57; Nat. Sci. Found. short courses, Utah State, 66, New Mexico State, 67 & 69. Res. asst. mkt. Clemson, 61-63; asst. prof. finance & water resources, Georgia, 63-68, assoc. prof. 68-69; PROF. FINANCE & DIR. ECON. DEVELOP. CENTER, WESTERN CAROLINA, 69- Lectr. Inst. Law & Govt. Univ. Georgia & U.S. Planning Prog.-Civil Serv. Cmn. 65-66; prog. planning & eval. for Off. Econ. Opportunity status, Clark Col. 68-69; consult. & tech. asst. p&ml mem. Res. Group, Inc. Ga. 66- U.S.A.F. 55-61, Res. 61-, Lt. Geophys. Univ. Agr. Econ. Assn. Public and private systems of environmental quality control: demands for water resources and services; financing water resources development; planning programming budgeting systems. Publ: Consumer responses to prices of residential water, Am. Water Res. Assn. 67; co-auth. The price and consumption of water for residential use in Georgia, Bur. Bus. & Econ. Res. 67; auth. Market modifications and the government grant economy, Econ. Air & Water Pollution, 69. Address: Economic Development Center, Western Carolina University, Cullowhee, N.C. 28723.
- NORTHWALL, DR. JOHN H. b. Kansas City, Mo. May 25, 27; m. 51; c. 4. SPEECH. B.A. Iowa, 48; B.D. Wartburg Sem. 51, S.T.M. 68; M.A. Denver, 67, Ph.D.(speech), Colorado, 69. Pastor, Am. Lutheran Church, 51-68; ASSOC. PROF. SPEECH, DANA COL. 68- Interpersonal relationships and communication barriers. Address: Dept. of Speech, Dana College, Blair, Nebr. 68008.
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- NOWLIS, DR. DAVID PETER, b. New Haven, Conn. Feb. 12, 37; m. 63; c. 3. PSYCHOLOGY. A.B. Haverford Col. 58; Ph.D.(soc. psychol), Harvard, 64. Instr. psychol. Claremont Men's Col. 63-64; asst. prof. child develop. Bryn Mawr Col. 64-67; res. assoc. psychol. Stanford, 67-69; CONSULT. LIFE SCI. GARRETT CORP. 69- AAAS; Psychol. Assn. Soc. Psychol. Study Social Issues. Habitability; physiological feedback training, especially developing self-discrimination and self-control over electroencephalographic rhythms and other physiological events in humans. Publ: The child-rearing antecedents of hypnotic susceptibility and of naturally occurring hypnotic-like trance, Int. J. Clin. & Exp. Hypnosis, 69 & Psychological measurement of habitability, Proc. Nat. Symp. Habitability, 70; co-auth. The control of electroencephalographic alpha rhythms through auditory feedback and the associated mental activity, Psychophysiology, 1/70. Address: 32106 Beach-view, Thousand Oaks, Calif. 91360.
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- EOCON, YALE, 66-67, mem. res. staff, 67-68, ASST. PROF., 68- Econ. Assn. Economic development: factors affecting agricultural supply; economic development of Iran since 1920. Publ. Time and factor costs in agricultural production, Indian Econ. Rev., 4/67; Regional and crop-wise pattern of growth of per acre output in India, Oxford Univ. Bull. Econ. & Statist., 2/70. Address: Dept. of Economics, Yale University, 52 Hillhouse Ave., New Haven, Conn. 06520.
- NOZICK, DR. ROBERT. Philosophy. See 5th ed, Dir. of Am. Scholars, Vol. IV, Philos., Relig., & Law.
- NUDELMAN, DR. ARTHUR EDMUND, b. Chicago, Ill., June 4, 37; m. 63; c. 1. SOCIOLOGY. B.A., Florida, 62; Nat. Sci. Found. fel., Wisconsin, 63-64, M.S., 64, Nat. Inst. Ment. Health fel., 64-66, Ph.D.(sociol.), 70. ASST. PROF. SOCIOLOGY, FLA. STATE, 67- U.S.A., 55-59, Sociol. Assn. Soc. Study Social Probs. Attitudes toward mentally ill; political attitudes; medical sociology, with a focus on Christian Science; structure of religious beliefs and behavior; social personality. Publ: Temperamental conservatism, authoritarianism, and rejection of the mentally ill and psychiatry, Ment. Hyg., 10/65. Address: 303 Hoffman Dr., Tallahassee, Fla. 32303.
- NUNES, DR. (ELESTINE) JOSEPH. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Exec. v.pres. & provost, 67-, Catholic University of America, Washington, D.C. 20017.
- NUGENT, DR. JEFFREY B., b. New York, N.Y., Mar. 8, 36; m. 61; c. 2. ECONOMIC. B.A. Amherst Col., 57; Nat. Defense Ed. Act fel. & M.A., New Sch. Soc. Res., 61, Soc. Sci. Res. Coun., Nat. Defense Ed. Act & Univ. California fels. & Ph.D.(econ), 65. Res. assoc. econ. Center Planning & Econ. Res., Athens, Greece, 62-64; asst. prof. Southern California, 64-68; res. assoc. econ. growth center, Yale, 69-69; ASSOC. PROF. ECON. & ACTING CHMN. DEPT. SOUTHERN CALIFORNIA, 69- Consult. Regional Off. Cent. Am. & Panama, Agency Int. Develop., 67- Summer consult, Agency Int. Develop., Wash. D.C. & Buenos Aires, 65 & Nat. Planning Group, Quito, Ecuador, 66. U.S.M.C., 58-59, Res., 59-62. Am. Econ. Assn.; Economet. Soc.; Royal Econ. Soc. Economic development, planning and theory. Publ: Planning the optimal development of the Greek economy, Center Planning & Econ. Res., 66; Investment criteria, economic thought, & development strategies in Greece—a postwar survey, Econ. Develop. & Cultural Change, 4/67; The tariff structure and the cost of protection in Central America, El Trimestre Economico, 10-12/68. Address: Dept. of Economics, Division of Social Science & Communication, University of Southern California, University Park, Los Angeles, Calif. 90007.
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- NYQUIST, DR. RUSSELL STANFORD, b. Cokato, Minn., Oct. 6, 35; m. 58; c. 4. BUSINESS ADMINISTRATION, INDUSTRIAL ENGINEERING. B.S., Minnesota, 57, M.S., 59, Ph.D.(bus. admin.), 64. Instr. mech. eng., Minnesota, 58-64, asst. prof., 64-68; acquisitions analyst, KMS INDUST., 68-70, ASST. TO EXEC. V.PRES., 70- Inst. Indust. Eng. Soc. Eng. Ed. Engineering economics; acquisitions and mergers. Address: 4071 Thorn Oaks Rd., Ann Arbor, Mich. 48104.

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- theory of journalism, *Journalism Quart.* autumn 67; co-auth. National survey of public information programs in state departments of education, Proj. Pub. Info. 68. Address: 1434 Marhill Rd, Green Bay, Wis. 54304.
- O'BRIEN, DR. DENISE (MRS. JAY RUBY). b. Rochester, N.Y. Jan. 19, 38; m. CULTURAL ANTHROPOLOGY. A.B. Vassar Col. 59; Woodrow Wilson Nat. fel, Yale, 59-60; Boies fel, 60-61, Nat. Inst. Ment. Health grant, 61-63 & fel, 61-65, Ph.D. (anthrop.), 69. Curatorial asst. ANTHROP., Peabody Mus, Yale, 64-65; acting asst. prof., California, Davis, 65-67; ASST. PROF., TEMPLE, 67-68; Res. grants, California, Davis & Center Southeast Asia studies, California, Berkeley, 66-67; res. grant, Temple, summer 68. Anthropol. Asn. Royal Anthropol. Inst. Gt. Brit. & Ireland; Polynesian Soc. Social structure and kinship; ethnography of Highland New Guinea; acculturation. Publ: Co-auth. Acculturation movements among the Western Dani, In: New Guinea, the Central Highlands, Am. Anthropologist, 66: 281-292; auth. Marriage arrangements in the New Guinea Highlands, Pringle-Hall, 69. Address: Dept. of Anthropology, Temple University, Philadelphia, Pa. 19122.
- O'BRIEN, DR. JAMES H. b. Flint, Mich., Mar. 12, 37; m. 60; c. 1. PSYCHOLOGY. B.A., Michigan, 59, Grass Found. fel, 62, U.S. Pub. Health Serv. fel. & M.A. 63, Ph.D. (psychol.), 66. Res. assoc. psychobiol., Ypsilanti State Hosp, 59-62; res. invest. neurophysiol., Marine Biol. Lab, summer 62; Neurosci. Res. Prog. fel, summer 65; Nat. Inst. Ment. Health fel. Inst. Marey, Paris, France, 66-68; ASST. PROF. PSYCHOL. MED. SCH., OREGON, 68- AAAS; Physiol. Soc.; Psychonomic Soc. Neurophysiology of learning and information processing in the brain. Publ: Co-auth. Single-cell activity in cat motor cortex. I. Modifications during classical conditioning procedures, 32: 267-284 & II. Functional characteristics of the cell related to conditioning changes, 32: 285-296, J. Neurophysiol. Address: Dept. of Psychology, University of Oregon Medical School, Portland, Ore. 97201.
- O'BRIEN, JOHN EGLI, S.J. Communication, Social Sciences. See 5th ed, Dir. Am. Scholars, Vol. II, Eng, Speech & Drama.
- O'BRIEN, DR. (JOHN) W. (LFRID). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also prin. & v. Chancellor, 69-, Sir George Williams University, 1435 Drummond St, Montreal 107, Que, Can.
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- ODEGARD, DR. HOLTAN P. b. Madison, Wis. Apr. 21, 23; m. 51; c. 5. POLITICAL SCIENCE. A.B. Harvard, 47; M.A. Wisconsin, 50, Ph.D. (polit. sci.), 59; Fulbright scholar, Australia, 51-52. Teaching asst. Am. govt, Wisconsin, 52-54; asst. planner, City-County Planning Cmn, Rockford, Ill, 54-56, assoc. dir, 56-61; planning dir, Bloomington, Minn, 61-66; exec. dir, Minn.-Wis. Boundary Area Cmn, Hudson, Wis, 66-68; planning dir, Souris-Rainy River Basins Cmn, 68-70; private employ, 70- U.S.A. 43-46. Inst. Planners; Polit. Sci. Asn; Soc. Pub. Admin. Political theory; public administration; city and regional planning; natural resource planning; local government; science and government. Publ: Sin and science, Antioch, 56; The politics of truth, Univ. Alabama, 71. Address: Route 1, St. Croix Cove, Hudson, Wis. 54016.
- ODIORNE, DEAN GEORGE S. Economics, Industrial Relations. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. mgt. & dean, 69-, College of Business, University of Utah, Salt Lake City, Utah 84112.
- ODLE, DR. THOMAS D. (AVID). History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- O'DONNELL, DR. JAMES P. b. Cleveland, Ohio, Dec. 27, 33; m. 59; c. 5. PSYCHOLOGY. B.S., John Carroll, 57; M.A. Kent State, 60; Ph.D. (psychol.), Pittsburgh, 65. ASST. PROF. PSYCHOL., SOUTHERN ILLINOIS, 65- AAAS; Psychol. Asn; Soc. Res. Child Develop. Child psychology. Address: Dept. of Psychology, Southern Illinois University, Carbondale, Ill. 62901.
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- OGDEN, DR. GEORGINE L. International Relations. See PROKOPOV, DR. GEORGINE OGDEN, this Suppl.
- OGILVIE, PROF. WALTER L. b. Portland, Ore., Apr. 25, 14; m. 43; c. 4. ECONOMICS, MARKETING. B.S., Alabama, 49, M.S. 50; Ph.D. (bus), Illinois, 62. Head sales dept. asst. Dept. Olds, Worman & King Dept. Store, Portland, Ore., 34-39; salesman, Steelco Stainless Steel Corp, Chicago, Ill., 39-40; asst. commerce & bus. admin., Alabama, 46-51; instr. La. State, 54; instr. bus, Illinois, 54-61; asst. prof. mkt., Alabama, 61-64; PROF. ECON. JACKSONVILLE STATE, 64- Ford grant, Tulane, summer 63. U.S.A. 40-63, Lt. Col. (Ret), Mkt. Asn. Economic theory; management; corporation finance; transportation. Publ: The major problems of the independent jewelers of Alabama, Ala. Retail Jewelers Assn, 50. Address: 550 Evergreen, Jacksonville, Ala. 36265.
- OH, DR. JOHN KIE-CHANG b. Seoul, Korea, Nov. 1, 30; m. 59; c. 3. POLITICAL SCIENCE. B.S., Marquette, 57; Columbia, 57-58; Ph.D. (int. rels.), Georgetown, 63. Press attache, Korean Mission to UN, 57-58; asst. prof. polit. sci., Col. St. Thomas, 62-66; ASSOC. PROF. POLIT. SCI., MARQUETTE, 66-67; faculty res. grants, 67-69. Hill Found. faculty res. fel, 64; Quinlan Found. res. fel, 65; Reim Found. res. grant, 67. Korea Army, 50-52; Capt. Asn. Asian Studies; Polit. Sci. Asn. International politics in East Asia; political development and modernization in East Asia; changing political patterns in Asia; democratic politics; changing values and politics. Publ: Korea: democracy on trial, Cornell Univ, 68; The political role of the Korean military: the third Republic, Studies on Asia, 67; Role of the Corps of the United States in South Korea's democratization, Pac. Affairs, summer 69. Address: Dept. of Political Science, Marquette University, Milwaukee, Wis. 53233.
- OH, DR. KI SONG, b. Manchuria, China, May 5, 17; m. 61; c. 1. POLITICAL SCIENCE. B.A., Chuo Univ., Tokyo, 40, L.L.B. 42; M.A. Pennsylvania, 61, Ph.D. 66. Asst. prof. soc. sci., Mil. Col., Manchuria, 45-46; Teacher's Col., Pyongyang, North Korea, 46-48, assoc. prof. 48-50; instr. law, Sungsi Univ., Seoul, South Korea, 53-55; ASSOC. PROF. POLIT. SCI., UNIV. COL. (Ky), 66-68; LOYOLA COL. (Que.), 68- Univ. Col. res. grant, 67-68. Politics and governments in East Asia, especially China, Japan, and Korea. Address: Dept. of Political Science, Loyola College, Montreal, Que., Can.
- OHAEGBULAM, PROF. FESTUS UGBOAJA, b. Nriaku-Mbaise, Nigeria, Nov. 15, 36; m. 67; c. 1. POLITICAL SCIENCE, HISTORY. B.A., Evangel Col., 63; M.A., Fordham, 65; univ. fel, Denver, 64-67, Ford Found. fel, 66-67; Ph.D. (int. rels.), 67. Headmaster, Assemblies of God Sch., Nigeria, 56-60; teaching asst. int. rels., Regis Col., 67; asst. prof. POLIT. SCI., SOUTHERN UNIV., 67-69, PROF., 69- Fel. African Studies Asn; Polit. Sci. Asn; Royal African Soc. Foreign policy; international relations; comparative politics of Africa and south of the Sahara. Publ: Co-auth. The Sudan, In: Worldmark encyclopedia, Harper, 67; auth. The development of modern Nigeria—a review article, 12/68 & The democratic Republic of the Congo and the international politics of nonalignment, 12-1/69, Africa Today. Address: Dept. of Political Science, Southern University, Baton Rouge, La. 70813.
- O'HERN, PROF. EDNA M. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also head, 68-, Dept. of Sociology, St. Francis College, 180 Remsen St, Brooklyn, N.Y. 11201.
- OHLSSEN, PROF. MERLE M. (ARVEL). Educational Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Holmstedt distinguished prof. guid. & psychol. serv., Indiana State, 69-. New publ: group counseling, Hoyt, 70. Address: 133 Longridge Rd, Terre Haute, Ind. 47802.
- O'KANE, DR. JAMES MICHAEL, b. Brooklyn, N.Y. June 12, 41; m. 66; c. 1. SOCIOLOGY. B.A. St. Francis Col., 62; Jewish Guild for Blind fel, Columbia, 63, Mobilization for Youth fel, 64, M.S. 64; Ph.D. (ed. sociol.), N.Y. Univ., 68. Inst. SOCIOL., St. Francis Col., 64-67, DREW, 67-68. ASST. PROF., 68- Dept. community affairs, State N.J. grant, 70. Consult, Victoria Found., N.J., 68- Sociol. Asn. Relationship between social class position and political ideology; characteristics of upward mobility of ethnic groups. Publ: Ethnic mobility and lower income Negro, Soc. Probs., winter 69; Poverty and employment—a socio historic overview, Dialectic, 12/69; Economic and non-economic liberalism, upward mobility potential and Catholic working class youth, Soc. Forces, 6/70. Address: Dept. of Sociology, Drew University, Madison, N.J. 07940.
- OKES, IMOGENE ESTA, b. Terre Haute, Ind. COMMUNICATIONS. B.S., Indiana State, 44; M.A., American, 46. Librarian, clerk & ed. Am. Embassy, Chungking & Nanking, China, 45-48; U.S. Navy, Peking, 48-49, Oslo, Norway, 50-52; groupworker & pub. rels. rep. int. Inst. Calif, 55-56; res. assoc. psychol. oper. Southeast Asia, Spec. Oper. Res. Off., American Univ., 57-61; researcher int. rels. Inst. Defense Anal., D.C., 62-63; ED. SPECIALIST, U.S. OFF. ED. 65- Instr. Ginning Girls Col. Nanking, 47; guest lectr., For. Serv. Inst., U.S. Dept. State, D.C., 61-62. Consult, Human Sci. Res. Va., 64. Participant, Afghanistan conf., Princeton, 60; Worldwide Psychol. Oper. Conf., D.C., 63. AAAS; Sociol. Asn; Statist. Asn; Adult Ed. Asn. U.S. Asn. Ed. Data Sys.; Ed. Res. Asn; Asn. Instnl. Res.; Oper. Res. Soc. Asn; Inst. Mgt. Sci.; Acad. Polit. & Soc. Sci.; Polit. Sci. Asn; Asn. Asian Studies; Int. Studies Asn; Theb. Soc. Adult education surveys; educational data systems; cross cultural communications; interpersonal and mass media operations in Southeast Asia and Communist China. Publ: Psychological operations—Afghanistan—Project PROSYMS, U.S. Dept. Army, 61; Participation in adult edu-



cation, U.S. Off. 67; 70; Effective communications by Americans with Thai, Journalism Quart, 61. Address: U.S. Office of Education, 400 Maryland Ave, S.W., Washington, D.C. 20202.

OLCHYK, DR. OSCAR, b. Havana, Cuba, Feb. 15, 27; U.S. citizen; m. 59; c. 2. AC-COUNTING, BUSINESS ADMINISTRATION. C.P.A., Havana, 51, D.C.S. 56; Ford fel, Indiana, Bloomington, summer 63; M.B.A., North Texas Univ., Tex., 61; auditing, Havana, 55-59, asst. prof., 59-60; sr. acct., Edwin Law, Tex., 61; lectr. acct. & econ., Dallas, 61-62; instr., 62-63, asst., 63-65; asst. prof. ACCT. & BUS. ADMIN., BISHOP COL., 65-67, assoc. prof., 67-68, PROF. 68-, CHMN. Div. BUS. 67- Sr. partner, Blazquez & Olchik, Havana, Cuba, 52-60. Consult, Philip Vogel & Co., Tex., 66-67; Arthur Andersen & Co., Calif., Colombia, summer 69. Am. Acct. Assn. International accounting and taxation; Latin American teaching and practice of accounting and tax; business teaching to minority groups. Publ.: The international dimension of accounting in the curriculum, Collegiate News & Views. Address: 11814 High Valley Dr., Dallas, Tex. 75234.

OLDENBURG, DR. RAMON, b. Apr. 7, 32; U.S. citizen; m. 66. SOCIOLOGY. B.S., Marquette State Col., 54; M.A., Minnesota, Minneapolis, 65, Ph.D. (sociol.), 68. Instr. sociol., Minnesota, 63-65; asst. prof. St. Louis State, 65-66; Nevada, Reno, 66-67; WEST FLORIDA, 67-68, ASSOC. PROF. SOCIOL. & CHMN. DEPT. 68- Proj. dir., U.S. Dept. Health, Ed. & Welfare, 61-63; acad. counsr., South. Regional Ed. Bd. res. internships, summer 68. U.S.A. 54-56. The sociology of leisure and urban analysis. Publ.: Co-auth., Professional wrestling. In: Motivations in play, games and sports, C.C. Thomas, 68. Address: Dept. of Sociology, University of West Florida, Pensacola, Fla. 32504.

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OLDMAN, PROF. OLIVER, Law, Economics. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig., & Law.

O'LEARY, DR. K(ETH) DANIEL, b. West Chester, Pa., Oct. 3, 40; m. 65; c. 1. PSYCHOLOGY. B.A., Pa. State, 62; U.S. Pub. Health Serv. fel., Illinois, 62-64, M.A. 65, Ph.D. 67. Instr. PSYCHOL., Illinois, Urbana, 60-67; asst. prof., 67; STATE UNIV. N.Y. STONY BROOK, 67-70, ASSOC. PROF., 70- Consult., Parent Training Prog., Urbana, 61, 68-69; N.Y. City Pub. Sch. proj., 69, Islip Schs., 69- Ocean-Hill Brownsville follow-through prog., 69- Psychol. Assn.; Soc. Res. Child Develop. Token reinforcement programs; self control; punishment. Publ.: Co-auth., Behavior modification of an adjustment class: a token reinforcement program. Except. Children, 33: 637-642; auth., Diagnosis of children's behavior problems. In: Behavior disorders of children, Wiley, (in press); co-auth., Token reinforcement programs in classrooms: an evaluation. Psychol. Bull., (in press). Address: Dept. of Psychology, State University of New York at Stony Brook, Stony Brook, N.Y. 11790.

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deleg. Coun. For. Ministers & World War II Peace Confs., 46-49; Carnegie Endowment lectr., Hague Acad. Int. Law, 55; vis. prof., Pennsylvania, 58-59; assoc. reporter, restatement for rel. law U.S. Am. Law Inst., 62; Fulbright lectr., faculty law, Sao Paulo, 63; mem., Inter-Am. Juridical Cmt. Orgn. Am. States, 63-65; U.S. Ambassador to Colombia, 64-66; Asst. Secy. of State for Interam. Affairs & U.S. Coordinator of the Alliance for Progress, 67-69. Consult., U.S. Dept. State, 50-52; Rand Corp., 66-67. Polit. Sci. Assn.; Acad. Polit. & Soc. Sci. Soc. Int. Law. Psychological aspects of international relations between developed and developing nations; the development process; systems management in foreign affairs operations. Publ.: Contemporary problems of treaty law. In: Recueil des Cours; Reflections on two recent developments affecting the role of law in the international community. In: Law and politics. Address: School of Law, University of Pennsylvania, Philadelphia, Pa. 19104.

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OLIVER, PROF. W(ILLIAM) DONALD. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig., & Law.

OLSEN, PRES. JAMES KARGE. Political Science, Law. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Pres., 68-, Paterson State College, 300 Pompton Rd., Wayne, N.J. 07470.

OLSEN, DR. KENNETH M. b. Oak Park, Ill., Mar. 7, 28; m. 54; c. 3. SOCIOLOGY. B.A., Col. Wooster, 50; Roosevelt, 53; M.A., Chicago, 58, trainee, 59-60, Ph.D. (human develop.), 69. Teacher physics & math, Tarsus Am. Col., Turkey, 50-52; group worker, Kenwood-Ellis Community Center, Ill., 53-54; Jewish Community Centers of Chicago, 54-59; res. assoc. cmt. human develop., Univ. Chicago, 60-62; asst. prof. sociol. & acting chmn. dept. ST. OLAF COL., 62-69, ASSOC. PROF., 69-69, ASSOC. PROF., 69-69, Soc. Sci. Assn.; Nat. Coun. Family Rel. Cross-cultural and subcultural variations in social age differentiation; age grading; timing of major role changes in adulthood; social psychology of maturation and aging. Address: 214 Manitou St., Northfield, Minn. 55057.

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OLSON, DR. CARL EDMUND, b. Northampton, Mass., Sept. 14, 37; m. 63; c. 2. AGRICULTURAL ECONOMICS, ECONOMICS. B.S., Wisconsin, 61, M.S. Montana State 63; Resources for Future fel., Okla. State, 65 & 66, Ph.D. (agr. econ), 67. Asst. prof. AGR. ECON., N.Dak. State, 66-69, ASSOC. PROF., summer 69; WYOMING, 69- Instr. Agency Int. Develop. summer insts. N.Dak. State Univ., 68 & 69. Agr. Econ. Assn. Production economics; agricultural policy; regional and area economics; farm management and economic theory; developing information for farm managers; identifying area and regional economic interdependence. Publ.: Co-auth., Determining least cost machinery combination, N.Dak. State Univ. Bull., 1/69; auth., A technique of identifying the aggregate economic impact of farm enlargement, N.Dak. State Univ. Res. Report, 10/69; Agricultural adjustments and area economic interdependence, J. Farm Econ, 12/68. Address: Division of Agricultural Economics, University of Wyoming, Box 3354, University Station, Laramie, Wyo. 82070.

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- prof. ed. psychol. Dalhousie, 63-65; Can. Coun. res. fel. cognitive develop. center cognitive studies, Harvard, 65-66; ASSOC. PROF. LANG. & COGNITIVE DEVELOP. ONT. INST. STUDIES IN ED. 66- Can. Coun. leave fel. center res. on teaching, Stanford, 69-70; res. fel. cognitive develop. center cognitive studies, Harvard, summer 64; Can. Psychol. Assn. Publ. Cognitive development: the child's acquisition of diagonality, Acad. Press, 70; co-author, Conceptual differentiation: quantity and pouring time, Can. J. Behav. Sci., 69; auth. Language and thought: aspects of a cognitive theory of semantics, Psychol. Rev. 70. Address: Dept. of Applied Psychology, Ontario Institute for Studies in Education, 252 Bloor St. W, Toronto 5, Ont, Can.
- OLSON, DR. ERIC H(ERBERT). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Chmn. personnel & finance cmt, Kenosha County Bd. Suprv. Address: Dept. of Political Science, Carthage College, Kenosha, Wis. 53104.
- OLSON, DR. FRED LEWIS, b. Cumberland, Wis, June 24, 28; m. 57; c. 3. AGRICULTURAL ECONOMICS. B.S., River Falls State Teachers Col, 50; M.S. Minnesota, 55, Ph.D.(agr. econ), 62. Mkt. asst., Minnesota, 54-58, asst. dairy mkt, 58-59; asst. prof. mkt, Nebraska, Lincoln, 59-63; assoc. prof. farm mgt, N.Dak. State, 63-65; CHIEF DIV. CURRENT ECON. ANAL., BUR. COMMERCIAL FISHERIES, U.S. DEPT. INTERIOR, 65- U.S.A., 51-53, 2nd Lt. Econ. Asst.; Am. Agr. Econ. Assn.; Fisheries Soc.; Can. Agr. Econ. Soc.; Int. Farm Econ. Assn. Price and benefit-cost analysis and fisheries management; public policy related to fisheries, agriculture, and taxation and economic development. Publ: Location theory as applied to milk processing plants, J. Farm Econ, 12/59; Corporate profits taxes, investment and employment, State Univ. Bull, 9/65; Sampling requirements for verification, Food & Agr. Orgn. Tech. Conf, 7/69. Address: 4815 Camelot St, Rockville, Md. 20853.
- OLSON, IRENE M(ARION). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Counseling psychologist, 68-, Veterans Administration, 342 N. Water St, Milwaukee, Wis. 53201.
- OLSON, DR. JOSEPHINE E, b. Bronxville, N.Y., Aug. 25, 42. ECONOMICS. A.B. Wellesley Col, 64; Ford Found. & Nat. Sci. Found. fcls, Brown, 65-69, Ph.D.(econ), 69. Res. asst. econ, Fed. Reserve Bank N.Y., 64; econ. asst. transportation, Interstate Commerce Cmn, 67-68; res. asst., Delbert M. Steiner, Transportation Consult, summer 68; ASST. PROF. ECON, BARUCH COL, 69-. Econ. Asn. Transportation; international trade; microeconomics. Address: Dept. of Economics, Bernard M. Baruch College, 17 Lexington Ave, New York, N.Y. 10010.
- OLSON, KENNETH G(GEOGE). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Independent consult, 69-. Address: 250 M St. S.W., Washington, D.C. 20024.
- OLSON, DR. NORMAN C, b. Tainter, Wis, July 28, 20; m. 44; c. 3. ORGANIZATIONAL BEHAVIOR & ECONOMICS. B.S. Wisconsin, 47; M.S. 48 & 49, Ph.D.(ed), 59. Asst. prof. econ. Concordia Col.(Orochond, Minn.), 49-52; personnel adminstr., Wis. Power & Light Co, Madison, 52-59; assoc. prof. bus. admin., Western Illinois, 59-61; mgt. insts., Wisconsin, 61-66; DEAN SCH. BUS, WIS. STATE, EAU CLAIRE, 66- Econ. Asn. Basic criteria for management development programs and organizational behavior. Address: School of Business, Wisconsin State University, Eau Claire, Wis. 54701.
- OLSON, PROF. PHILIP G(ILBERT). Sociology, Anthropology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. & Chmn, 69-, Dept. of Sociology, University of Missouri at Kansas City, 5225 Charlotte, Kansas City, Mo. 64110.
- OLSON, DEAN WALTER, b. Yakima, Wash, May 16, 24; m. 57; c. 3. GEOGRAPHY, ECONOMICS. A.B. Washington (Seattle), 47; M.A. Col. Puget Sound, 49; Ph.D.(geog. econ), Syracuse, 56. Assoc. prof. geog. San Francisco State Col, 55-62 & 63-64; vis. prof. admin., Wisconsin, 62-63; asst. to pres, Mills Col, 64-66; prof. geog., San Francisco State Col, 66-70; DEAN ARTS & SCI, WESTERN ILLINOIS, 70-. Nat. Defense Ed. Act fel, North-western Univ, summer 61; Ellis L. Phillips Found. fel, Univ. Wisconsin, 62-63. Dir. Nat. Defense Ed. Act Inst. Geog, Calif, summers 66 & 67. U.S.N. 43-46; U.S.A.F.R. 51-61. Capt. Asn. Am. Geog. Asn. Pac. Coast Geog. Economic geography; California geography. Publ: Climates of the Bay Area, Landscape Archit, 58; Changing patterns of tomato production in California, Calif. Geog. 68. Address: College of Arts & Sciences, Western Illinois University, Macomb, Ill. 61455.
- OLSON, PROF. WILLARD (LIFFFORD). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: No longer dean sch. ed, Michigan, 70. Address: 301 Barton Shore Dr, Ann Arbor, Mich. 48105.
- OLTMAN, DR. RUTH MARIE. Counseling, Industrial Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Staff assoc. higher ed, 69-, American Association of University Women, 2401 Virginia Ave, Washington, D.C. 20037.
- OLTON, DR. DAVID STUART, b. Montclair, N.J., Jan. 15, 43; m. 65. PHYSIOLOGICAL PSYCHOLOGY. B.A. Haverford Col, 64; M.A. Michigan, 66, Ph.D.(psychol), 69; Florida, 69-69. Teaching asst. PSYCHOL, Michigan, 66-67; ASST. PROF. HOPKINS, 69-. AAAS. Limbic system and subcortical brain mechanisms: avoide behavior. Publ: Co-auth. Importance of spatial location in active avoidance tasks, J. Comp. & Physiol. Psychol, 65; 535-539; co-auth. Hippocampal lesions and avoidance behavior, 3: 719-724 & auth. Specific deficits in avoidance behavior following penicillin injections into hippocampus, 70, Physiol. & Behav. Address: Dept. of Psychology, Johns Hopkins University, Baltimore, Md. 21218.
- OLTON, PROF. ROY. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn, 69-, Dept. of Political Science, Western Michigan University, Kalamazoo, Mich. 49001.
- O'MALLEY, DR. MICHAEL HOLMES, b. New York, N.Y., Oct. 29, 37; m. 60; c. 2. COMMUNICATION SCIENCE, LINGUISTICS. B.S. Calif. Inst. Tech,
- 60, M.S. 61; M.A. Michigan, 63, Ph.D.(commun. sci), 68. Lectr. commun. sci, MICHIGAN, 67-68; ASST. PROF. COMMUN. SCI & LING, 68- Ling. Soc. Am.; Asn. Comput. Linguist.; Acoustical Soc. Am. Theories of syntax, semantics and speech analysis and synthesis. Publ: Co-auth. An experimental method for prosodic analysis, Phonetics, 66 & Multi-rooted vines in semantic representation, Papers from Regional Meeting, Chicago Ling. Soc. 69; auth. An experimental evaluation of several linguistic hypotheses, Natural Lang. Studies 2, Univ. Michigan, 69. Address: Dept. of Linguistics, University of Michigan, 186 Frieze, Ann Arbor, Mich. 48104.
- O'NEAL, DR. EDGAR (CARL), b. St. Louis, Mo, Apr. 30, 39; m. 63; c. 1. SOCIAL PSYCHOLOGY. B.A. Duke, 61; B.D. Drew, 63; Ph.D.(psychol), Missouri, 69. Res. asst. center study of higher Ed, Hofstra, 65-66; ASST. PROF. PSYCHOL, TULANE, 69-. Psychol. Asn.; Soc. Psychol. Study Social Issues; N.Y. Acad. Sci. Person perception; attitude organization and change: aggression; behavior in religious institutions. Publ: Co-auth. Generalization gradients obtained from individual subjects following classical conditioning, J. Exp. Psychol, 78: 171-174; auth. Activation of cue-elicited aggression by general arousal, J. Personality & Soc. Psychol, 11: 289-282 & The influence of anticipated choice on the halo effect, J. Exp. Soc. Psychol, 5: 347-351. Address: Dept. of Psychology, Tulane University, New Orleans, La. 70118.
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- O'NEILL, SISTER MARY MARGARELLA, O.S.F., b. Philadelphia, Pa, Aug. 6, 19. SOCIOLOGY, ECONOMICS. M.S.N.Ed, Catholic Univ, 51, Ph.D.(sociol), 66. Teacher, parochial sch, Pa, 44-45; assoc. dir. nursing ed, Villanova, 51-56; dir. nursing serv, St. Francis Hosp, Trenton, N.J., 56-59; dir. nursing ed, St. Joseph Hosp, Lancaster, Pa, 59-62; ACAD. DEAN, OUR LADY OF ANGELS COL, 66-. Sociol. Asn. Address: Dept. of Sociology, Our Lady of Angels College, Glen Riddle, Pa. 19037.
- ONYEWU, DR. NICHOLAS DONATUS UKACHI. International Relations. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir, 69-, Black Studies Program, Nassau Community College, Garden City, N.Y. 11530.
- OPLER, PROF. MARVIN K(AUFMANN). Anthropology, Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn. dept. anthrop, State Univ. N.Y. Buffalo, 69-. Address: 22 Summerwood Court, Buffalo, N.Y. 14223.
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- OPOCHINSKY, DR. SEYMOUR, b. New York, N.Y., Oct. 3, 32; m. 67; c. 1. PSYCHOLOGY. B.A. City Col. New York, 54, M.S. 57; Nat. Inst. Ment. Health fel, Colorado, 63-64, Ph.D.(clin. psychol), 65. Teaching fel, psychol, Colorado, 57-59, teaching assoc, 62-63; fel. clin. psychol, Children's Asthmatic Res. Inst. & Hosp, 59-60; clin. psychologist, Middlesex County Ment. Health Clin, 60-62; vis. asst. prof. PSYCHOL, Denver, 66-67, asst. prof, 67-68; ASSOC. PROF, MANITOBA, 68-. U.S. Pub. Health Serv. consult. clin. psychol, Fed. Youth Center, Englewood, Colo, 65-68; Winnipeg Gen. Hosp. Man, 69-. U.S.A. 54-56. AAAS. Psychol. Asn.; Orthopsychiat. Asn.; Acad. Polit. & Soc. Sci. Child clinical psychology; interpersonal perception; community mental health; experimental psychopathology; personality; learning disabilities; child development; college teaching. Publ: Co-auth. College teaching—a methodological study, J. Ed. Psychol, 58 & Needs structure and maladjustment, J. Soc. & Abnorm. Psychol, 62. Address: Dept. of Psychology, University of Manitoba, Winnipeg 19, Man, Can.
- OPPENHEIM, DR. HENRY. Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Clin. psychologist, Vet. Admin. Hosp, Northampton, 68-, no longer coordinator clin. psychol. Address: Psychology Service, Veteran Administration Hospital, Northampton, Mass. 01060.
- OPPENHEIM, DR. RONALD WILLIAM. Psychology, Biology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- OPPENHEIMER, DR. JOHN R(ED). Ethology, Ecology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- OPPENHEIMER, DR. MARTIN, b. Soest, Germany, July 24, 30; U.S. citizen; m. 61; c. 1. SOCIOLOGY. B.S. Temple, 52; M.A. Columbia, 53; Ph.D.(sociol), Pennsylvania, 63. Instr. soc. sci. Temple Community Col, 61-63; dir. studies pre-Am. Friends Serv. Cmt, 63-64; asst. prof. sociol, Haverford Col, 64-65; lectr. Bryn Mawr Col, 65-66; asst. prof. Vassar Col, 66-68; assoc. prof. SOCIOL. & chmn. dept. Lincoln (Pa), 68-70; ASSOC. PROF. LIVINGSTON COL, RUTGERS, 70-. U.S.A., 53-55. Sociol. Asn. Soc. Study Social Probls. Social movements; collective behavior; race and ethnic relations; social change and revolution. Publ: Co-auth. A manual for direct action, 65 & auth. The urban guerrilla, 69, Quadrangle. Address: Dept. of Sociology, Livingston College, Rutgers, The State University, New Brunswick, N.J. 08903.
- OPPENHEIMER, DR. VALERIE. Sociology, Demography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Sociology, University of California, Los Angeles, Calif. 90024.



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- OPTON, DR. EDWARD M(LTON), JR. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Sr. res. psychologist, 69-, Wright Institute, 2728 Durant Ave., Berkeley, Calif. 94704.
- ORA, DR. JOHN P. Jr. b. Oak Park, Ill., Mar. 31, 31; m. 64; c. 2. PSYCHOLOGY. B.A. North Carolina, 60, M.A., 62; Ph.D.(psychol), Vanderbilt, 68. Instr. composition & introd. lit. North Carolina, 62-63; intern psychol. med. center, Kansas, 67-68; ASST. PROF. ED. PSYCHOL. & PRACTICE CLIN. PSYCHOL. GEORGE PEABODY COL., 68. Proj. dir. Regional Intervention Proj. Preschoolers & Parents, U.S. Off. Ed., Bur. Ed. Handicapped, 69-Ord.C. U.S.A. 53-55. Psychol. Asst. Soc. Res. Child Develop. Functional analyses of early childhood behavior. Publ: Co-auth. Children's adoption of self-reward patterns: incentive level and method of transmission, Child Develop. 39: 537-544 & Catch the child being good, Today's Ed. 59: 24-25. Address: Box 158, George Peabody College for Teachers, Nashville, Tenn. 37203.
- ORENSTEIN, DR. HOWARD B. b. Bronx, N.Y., Aug. 26, 42. PSYCHOLOGY. B.A. City Univ. New York, 64; M.A. Cincinnati, 68; Ph.D.(psychol), 69. ASST. PROF. PSYCHOL. FURMAN, 69- U.S.A.R. 65- AAAS, Psychol. Assn. Human learning, perceptual learning, motivation. Address: Dept. of Psychology, Furman University, Greenville, S.C. 29613.
- ORENT, DR. AMNON. b. Cologne, Germany, July 30, 35; U.S. citizen; m. 57; c. 2. SOCIOLOGY, ANTHROPOLOGY. B.A. Brooklyn Col., 60; M.A., Arizona, 63; Ph.D.(sociol. anthropol), Boston, 69. Nat. Inst. Ment. Health res. assoc. bur. ethnic res. Arizona, 62-63; Instr. SOCIOL. & ANTHROPO. col. lib. arts, Boston, 63-65, 68; ASST. PROF. NEW HAMPSHIRE, 68- Consult. For. Area Fel. Prog. 65-68; Cent. Univ. Res. Fund, 68-70. U.S.A. 55-56. Anthropol. Asst. fel. African Studies Assn. Problems of social and cultural change; African social systems; new world and African ethnography; political anthropology. Publ: Co-auth. Five Kafa biographies. In: Biographies of famous Ethiopians. Humanities, 70; auth. The history of Kafa prior to 1897: a study of political processes, African Hist. Studies, fall 70; Dual organisations in Southern Ethiopia: anthropological imagination or ethnographic fact, Ethnology, Vol. IX, No. 3. Address: Dept. of Sociology-Anthropology, University of New Hampshire, Durham, N.H. 03824.
- ORESCANNI, DR. DANILO. Economics, Business Administration. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also asst. dean admin. & asst. to pres. 69-, Indiana University, Bryan Hall 200, Bloomington, Ind. 47401.
- ORFIELD, DR. GARY ALLAN. b. Minneapolis, Minn., Sept. 5, 41; m. 63; c. 1. POLITICAL SCIENCE. B.A. Minnesota, 63; M.A., Chicago, 65, Ph.D.(polit. sci.), 68. ASST. PROF. POLIT. SCI., Virginia, 67-69; PRINCETON, 69- Polit. Sci. Assn. Publ: A study of the termination policy, Nat. Cong. Am. Indians, 66. The reconstruction of Southern education, Wiley, 69. Address: Dept. of Politics, Princeton University, Princeton, N.J. 08540.
- ORGEL, DR. SIDNEY A. Clinical Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. psychiat., State Univ. N.Y. Upstate Med. Center, 68- Address: Veterans Administration Hospital, 800 Irving Ave., Syracuse, N.Y. 13210.
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- ORLINSKY, DR. DAVID E(LLIOT). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-, Dept. of Psychology, University of Chicago, Box 106 Cobb Hall, Chicago, Ill. 60637.
- ORLOWSKY, DR. WALLACE J(OSEPH), b. Rochester, N.Y., Nov. 14, 39; m. 61; c. 4. EXPERIMENTAL PSYCHOLOGY. B.A. St. John Fisher Col., 61; N.Y. State Regents fel., Fordham, 62-65, M.A., 63, Nat. Sci. Found. fel., 64, U.S. Pub. Health Serv. fel., 64-65, Ph.D.(psychol), 65. Intern. indust. psychol. fed. labs, Int. Tel. & Tel. Co., 62, U.S. Pub. Health Serv. fel. physiol. psychol., N.Y. State Psychiat. Inst., 65-66, trainee, 66-68, assoc. res. scientist, 68-69; ASST. PROF. PSYCHOL. RICHMOND COL.(N.Y.), 69- Res. support grant, Res. Inst. Ment. Hyg., 67-68. Psychol. Assn. Verbal learning; sensory neurophysiology; physiology of emotion; brain behavior relations. Publ: Co-auth. Effect of orientation during stimulus familiarization on paired-associate verbal learning, Psychonomic Sci, 67 & Recovery of aversive thresholds following midbrain lesions in the cat, J. Comp. Physiol. Psychol., 69. Address: Dept. of Psychology, Richmond College, Staten Island, N.Y. 10301.
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- ORME, DR. ANTONY RONALD, b. Weston, Eng., May 28, 36; m. 66; c. 1. GEOGRAPHY. B.A., Birmingham, 57, fel., 57-60, Ph.D.(geog), 61. Lectr. GEOG. Nat. Univ. Ireland, 60-68; ASSOC. PROF. CALIFORNIA, LOS ANGELES, 68- Via lectr. Natal, 66. Consult. geog. Dublin Regional Planning Cmn. Ireland, 65-66. Ed. Geog. Viewpoint, 65- Mem. Irish Nat. Cmt. Int. Geog. Union, 65-68. Am. Quaternary Assn. Assn. Am. Geog. Inst. Brit. Geog. fel. Geol. Soc. London; Assn. Geog. Teachers Ireland (pres, 64-68).
- Fluvial and coastal geomorphology; Quaternary glaciation; periglacial and changing sea levels; quantitative methodology; man's influence in modifying environments; regional and urban planning; urban growth patterns and differentiation within cities. Publ: Ireland, Aldine, Chicago & Longmans, London, 70; Quaternary changes of sea level in Ireland, Trans. Inst. Brit. Geog., 68; Voughal, County Cork—growth, decay, resurgence, Irish Geog., 68. Address: Dept. of Geography, University of California, Los Angeles, Calif. 90024.
- ORMISTON, PROF. DONALD W(ILLIAM). Clinical & Experimental Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 1001 Cedar Rd., Oxford, Ohio 45056.
- ORNATI, PROF. OSCAR A(BRAHAM). Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New publ: Co-auth. Issuer in urban economics, John Hopkins, 69. Address: 147 Edgars Lane, Hastings-on-Hudson, N.Y. 10708.
- ORNSTEIN, DR. PETER A(RNOLD), b. New York, N.Y., July 6, 42; m. 64; c. 1. PSYCHOLOGY. B.A., Harpur Col., 63; Nat. Insts. Health fel., Queens Col., 64-65, M.A., 65; Nat. Insts. Health fel., Wisconsin, 65-68, Ph.D.(psychol), 68. ASST. PROF. PSYCHOL. PRINCETON, 68- Nat. Inst. Ment. Health grant, 69-70. Psychol. Assn. Classical conditioning; human memory and learning. Address: Dept. of Psychology, Princeton University, Princeton, N.J. 08540.
- ORONA, DR. ANGELO (RAYMOND), b. El Centro, Calif., Oct. 21, 32. ANTHROPOLOGY. B.A., California, Santa Barbara, 60; M.A., California, Los Angeles, 64, Ph.D.(anthropol), 68; fel. Caribbean Inst. Anthropol. & Sociol., U.S. Am. States fel., 64-65. Lectr. ANTHROPO. Mt. St. Mary's Col.(Calif), 66; Yost, Proj. South Florida, 68-69; WINDSOR, 69. U.S.A.F. 51-55. S/Sgt. Fel. Anthropol. Assn.; Ethnol. Soc.; fel. Royal Anthropol. Inst. G. Brit. & Ireland. Social organization; religion; folk philosophy; Latin Caribbean and Venezuela; fishermen of Margarita Island, Venezuela. Address: Dept. of Sociology & Anthropology, University of Windsor, Windsor, Ont. Can.
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- ORR, DR. DOUGLAS MILTON, JR., b. Washington, D.C., Dec. 9, 38; m. 61; c. 2. GEOGRAPHY. B.A., Davidson Col., 61; M.B.A., North Carolina, 64, Ph.D. (geog), 68. ASST. PROF. GEOG. & ASST. TO CHANCELLOR, NORTH CAROLINA, CHARLOTTE, 68- U.S.A. 61-63, Capt. Asst. Am. Geog. Soc. Congressional and legislative redistricting; electoral geography; regional interest in Spain in the United States south. Publ: The Gilbert and Barker Manufacturing Company: an industrial relocation, 67 & Persistence of the gerrymander in N.C. congressional redistricting, 11/69, Southeast. Geogr. Address: Dept. of Geography, University of North Carolina at Charlotte, Charlotte, N.C. 28213.
- ORR, DR. LARRY LYNN, b. Terrville, S.Dak., Feb. 9, 42; m. 62; c. 2. ECONOMICS. B.S. Iowa State, 63; U.S. Steel fel., Mass. Inst. Tech., 65-65, Nat. Sci. Found. fel., 65-66, Resources for Future fel., 66-67, Ph.D.(econ), 67. ASST. PROF. ECON. WISCONSIN, MADISON, 67- Economist, Off. Econ. Opportunity, Wash. D.C. 69-70. Consult., U.S. Dept. Health, Ed. & Welfare, 69. Econ. Assn; Nat. Tax Assn. Urban economics; income maintenance and the economics of poverty. Publ: Incidence of differential property taxes on urban housing, Nat. Tax J., 9/68. Address: Dept. of Economics, University of Wisconsin, Madison, Wis. 53706.
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- OSTERHAUS, DEAN LEO B, b. Fargo, N.Dak., Jan. 20, m. 43; c. 2. BUSINESS ADMINISTRATION. B.S. Kansas State, 42; M.S., Trinity (Tex), 61; Ph.D.(bus. admin), Texas, Austin, 66. Staff & command positions, U.S. Army, 42-50, chief personnel dir. & instr., Artl. Sch., Ft. Sill, Okla., 50-52, personnel officer & asst. to Adj. Gen., 31st Infantry Div. & Camp Atterbury, Ind., 52-64, chief, dependent movement, sec. 1, 1st Div., Ft. Ord, Calif., 54-57, chief personnel dir., Ga. Mil. Dist. & XI Army Reserve Corps, Ga., 57-59, Med. Field Serv. Sch., Ft. Sam Houston, Tex., 59-64; asst. prof. hosp. admin., Baylor, 64-66; PROF. BUS. ADMIN., ST. EDWARD'S, 66-, DEAN & DIR. HOLY CROSS COL., 69- Vis. assoc. prof., Texas, Austin, 66- Gilbreth mgt. award, 66, U.S.A., 42-64, Lt. Col. Acad. Mgt. Mgt. Asn. Labor relations in hospitals; organizational theory in hospitals and business; personnel management in hospitals, government and business. Publ. Industrial relations systems in the hospital industry, Personnel J., 5 & 6/68; Union-management relations in 30 hospitals change little in three years, Hosp. Progress, 10/68; Systems concepts for hospitals, Hosp. Adminstr., summer 69. Address: 8307 Tecumseh Dr., Austin, Tex. 78753.
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- OVERSTREET, DR. ROBERT EDWARD, b. Scottsbluff, Neb, June 23, 44; m. 66. ADMINISTRATIVE SCIENCES. A.B., Stanford, 66; Earhart Found. fel. Purdue, 67-68, Ph.D. (admin. sci), 69. ASST. PROF. ADMIN. STUDIES, YORK, 69-. Am. Econ. Assn.; Am. Psychol. Assn.; Can. Econ. Assn.; Can. Polit. Sci. Assn. N-person games; social exchange theory; computer and gaming simulations. Publ: Simulation models of prisoners' dilemma game, In: Computer simulation of human behavior, Wiley, 70; co-auth, Predicting cooperation from two sexes in a conflict situation, J. Personality & Soc. Psychol, 10: 35-43; auth, Social exchange processes in an n-person cooperative game, Purdue Univ. 69. Address: Faculty of Administrative Studies, York University, Toronto, Ont, Can.
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## P

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- PALLISTER, DR. HELEN.** Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Vis. assoc. prof. psychol, Eastern Washington State College, Cheney, Wash. 99004.
- PALLONE, PROF. NATHANIEL JOHN, b.** Chicago, Ill. Oct. 30, 35; m. 56; c. 2. **COUNSELING & SOCIAL PSYCHOLOGY.** A.B. Catholic Univ, 57, A.M., 60; Georgetown, 57-58; Columbia, 60-61; Ph.D. (counseling psychol), N.Y. Univ, 63. Connar, Bullis Sch, 57-60; dir. counseling, St. Francis Col, 60-63; asst. prof. ed. psychol, Notre Dame, 63-66; assoc. prof. **COUNSR. ED.**, N.Y. UNIV, 66-68, **PROF.**, & **CHMN. DEPT.**, 68- Consult. psychologist, Cath. Soc. Serv, South Bend, Ind, 63-66; soc. sci. lab, Notre Dame, 66-68; State Narcotics Addiction Control Cmn, N.Y., 67- res. consult. Acad. for Ed. Develop, Wash. D.C. 58-69, U.S.A.F.R. 52-60, S/Sgt. Psychol. Personnel & Guid. Assn. Social psychology of counseling and psychotherapy; social psychology of religion; vocational psychology. Publ: Co-auth, Guidance and counseling in schools, McGraw, 66, Guidance and other personnel services, Nat. Cath. Ed. Assn, 68 & Catholics/USA—Perspectives on social change, Wiley, 70. Address: Dept. of Counselor Education, New York University School of Education, 74 S. Bldg, New York, N.Y. 10003.
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- PALMER, DR. JOHN A. b.** Philadelphia, Pa. Oct. 30, 44. **PSYCHOLOGY.** B.A. Duke, 66; Ph.D. (psychol), Texas, Austin, 69. **ASST. PROF. PSYCHOL.**, MCGILL, 69- Interpersonal attraction as related to attitude similarity and motivational variables. Publ: Attribution of hostile intent as unconscious. J. Personality, 67; co-auth, Sequential effects as a function of explicit and implicit interpolated responses, J. Personality & Soc. Psychol, 69; auth, Attraction toward dominant and submissive strangers: similarity versus complementarity, J. Exp. Res. Personality, 70. Address: Dept. of Psychology, McGill University, Montreal 2, Que, Can.
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- PALMER, PROF. JOHN T. b.** Mendenhall, Miss. Dec. 10, 21; m. 55; c. 2. **COUNSELING & EDUCATIONAL PSYCHOLOGY.** B.A. Southern Mississippi, 43; M.S. Columbia, 47; Ph.D. Southern California, 57. Instr. Eng. Southern Mississippi, 47-48, asst. prof, 48-50, asst. prof. Eng. & dir. student activity, 50-52, dean of men, 52-55; dir. guid. center & counsr, Southern California, 55-57, assoc. prof. psychol. & coordinator acad. advisement, San Francisco State Col, 57-59; assoc. dean student counseling & testing, San Fernando Valley State Col, 59-60, dean of students, 60-67; **PROF. PSYCHOL. & DEAN OF STUDENTS, SONOMA STATE COL**, 67- U.S.A. 43-45, M/Sgt. Psychol. Assn. Learning theory and psycholinguistics. Address: 878 Wildwood Trail, Santa Rosa, Calif. 95405.
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- PALMER, DR. RANSFORD WENTWORTH, b.** Braeton, Jamaica, Nov. 21, 32; m. 64. **ECONOMICS.** B.S. Marquette, 61, M.A., 62; fel. Clark, 62-64, Ph.D. (econ), 66. Instr. **ECON.**, Keuka Col, 64-65; Cent. Conn. State Col, 65-67; asst. prof. **CATHOLIC UNIV**, 67-69, **ASSOC. PROF.**, 69- Econ. Assn; Royal Econ. Soc. Use and effectiveness of fiscal policy in advanced countries; role of public finance in developing countries, particularly the Caribbean. Publ: The Jamaican economy, Praeger, 68; Financing corporate investment in Jamaica, Soc. & Econ. Studies, 9/67; Financial and monetary systems of Guyana, In: Guyana, U.S. Govt. Printing Off, 69. Address: Dept. of Economics, Catholic University of America, Washington, D.C. 20017.
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- PALOMBA, DR. NEIL (ANTHONY).** Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, 69-, Dept. of Economics, Iowa State University, 310 Curtis Hall, Ames, Iowa 50010.
- PALUCH, DR. STANLEY JOHN.** Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig., & Law.
- PANGBORN, PROF. ROSE MARIE VALDES.** Food Technology, Psychophysics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- PANG-CHING, DR. GLENN K. b.** Hilo, Hawaii, Feb. 10, 31; m. 61; c. 2. **AUDIOLOGY, SPEECH PATHOLOGY.** B.S. Calif. State Col. Los Angeles, 57; M.S. Purdue, 58; Ph.D. (audiol, speech path), Southern California, 66. Audiologist, Vet. Benefits Off, D.C. 58-59; supvr. clin. serv. Vet. Admin. Out-patient clin, Los Angeles, 59-65; **ASST. PROF. AUDIOL. & SPEECH PATH.**



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- PARRY, PROF. ALBERT. Russian Civilization. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- PARSA, DR. PARVIZ, b. Esfahan, Iran, July 6, 41; m. 65. ECONOMICS, INTERNATIONAL RELATIONS. B.A. Tehran, 62; M.A. Texas Christian, 65; grant & Ph.D.(econ), Oklahoma, 68. Dir. bus. res. Nat. Iranian Ins. Co. 61, economist, researcher & consult. Ministry Econ, Tehran, Iran, 62-63; ASST. PROF. ECON. CENT. STATE COL. (OKLA.), 68- Econ. Assn. Economic development and growth; international economic and political relations; comparative economics; money and banking; stock markets in United States; role of petroleum in Iran and other Middle Eastern countries. Publ: Introduction to stock and bond markets, Cent. State Col. (Okla.), 68; Reflections on U.S. dollar stability, Okla. Acad. Sci. (in press); Policies for economic growth in Persia, J. Banks, Tehran, 7/66. Address: Dept. of Economics, Central State College, Edmond, Okla. 73034.
- PARSONS, C(HARLES) G(RAHAM). Economics, Marketing. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, 69. Address: Route A-2, Box 124-D, Dunnellon, Fla. 32630.

- PARSONS, DR. EDGAR A (LLEN). Economics. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position: V-pres. Syst. Sci. Inc. 69- Address: 1913 Lakeshore Dr, Chapel Hill, N.C. 27514.
- PARSONS, DR. HENRY McILVAINE. Experimental Psychology, Human Factors. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position: V-pres. res. Riverside Res. Inst. 69- Address: 1125 Park Ave, Apt. 7D, New York, N.Y. 10027.
- PARSONS, DR. JOHN E. JR. b. New York, N.Y. Jan. 11, 38. POLITICAL SCIENCE & PHILOSOPHY. B.A. Harvard, 60; Woodrow Wilson Nat. Found. fel. & M.A. California, Berkeley, 63; Chicago, 64; Ph.D. (polit. sci.), London, 65. ASST. PROF. POLIT. SCI., Milton Col. 66-67; STATE UNIV. N.Y. COL. OSWEGO, 68-69. Faculty grant-in-aid, State Univ. N.Y. Res. Found. 68-70. Polit. Sci. Assn. Swift's satire; political philosophy of John Locke; John Dewey's social thought; political philosophy of John Stuart Mill. Publ: John Dewey's science of society, Thought & Word, 7/68 & Locke's doctrine of property, Soc. Res. fall 69. Address: 2400 Boston Post Rd, Harrison, N.Y. 10528.
- PARSONS, DR. STUART OVERTON. Industrial Psychology. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position: Chief human factors eng. & simulation biotech, 69-, Lockheed Missiles & Space Co, ORG 62-40 Bldg, 151, Sunnyvale, Calif. 94088.
- PARTAIN, DR. ROBERT T. b. Leonard, Tex. Feb. 9, 24; m. 48; c. 1. MARKETING, COMPUTER SCIENCES. B.B.A. North Texas State, 49, M.B.A. 50; fel. & Ph.D. (bus. admin.), Texas, Austin, 68. Instr. mkt. Texas Col. Arts & Indust. 50-55, chmn. dept. mkt. 58-62; statistician, Celanese Corp. Am. 55-58; dir. comput. center, RICHMOND, 62-64, ASSOC. PROF. FINANCE & CHMN. DEPT. 68- Adv. Eighth Naval Dist. 50-58; financial consult., Financial Indust. Fund Inc, Colo. 58-60; consult. retainer, Fidelity Corp. 64- U.S.N. 43-47, Lt. Comdr. Behavioral science as it applies to business management; computerized teaching; business management communication systems. Publ: Co-auth. Problems in financial management, Appleton, 68; Controversial issues in insurance, Asn. Bus. Law Teachers, 67; consult. & reader, Money & banking, Irwin, 66. Address: 1510 Pump Rd, Richmond, Va. 23229.
- PARTHEMOS, JAMES. Economics. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position: Sr. v-pres. & dir. res. 69-, Federal Reserve Bank of Richmond, Ninth & Franklin Sts, Richmond, Va. 23213.
- PASANEN, DR. OSMO N. b. Viipuri, Finland, Aug. 5, 20; U.S. citizen; m. 54; c. 2. ECONOMICS. B.A. California, Riverside, 60; Nat. Defense Ed. Act fel. Missouri-Columbia, 60-63, Ph.D. (agr. econ.), 65. Asst. prof. ECON. Hanover Col, 64-65; S.Dak. State, 65-67; ASSOC. PROF. MANKATO STATE COL, 67- Summers participant, Nat. Sci. Found. Inst. in Math. Optimization, Missouri, 65, Seminar on Recent Develop. in Econ, Chicago, 66 & Seminar on Contemporary Econ, Virginia, 67. Finnish Army, 40-44, 1st Lt. Econ. Asst. Int. Asn. Agr. Econ. Resource economic. Publ: Co-auth. Trends, adjustments and potential in northeast Missouri, Univ. Missouri, 66. Address: Dept. of Economics, Mankato State College, Box 128, Mankato, Minn. 56001.
- PASCHAL, DR. BILLY J. b. Cullman, Ala. Nov. 5, 35; m. 59; c. 2. EDUCATIONAL PSYCHOLOGY. A.B. St. Bernard Col, 57; M.Ed. Birmingham-South Col, 59; Ed.D. (ed. psychol.), Alabama, 62. Teacher, pub. schs, Ala. 57-60; instr. Ed. PSYCHOL. Alabama, 60-62; PROF. Miami (Fla.), 62-68; BALL STATE, 68- Consult. psychologist, Nat. Sci. Found. S. Miami Study Group Curriculum Proj. with Culturally Disadvantaged Children, 64-65; Off. Econ. Opportunity S. Miami Curriculum Proj. for Disadvantaged Youth, 65-66. Psychol. Asst. Perception of self and achievement; teaching culturally different children; cultural factors in selected organismic variables in self-concept; creative thinking and emotionally disturbed children. Publ: Anti-push theory best for deprived children?, Instructor, 12/67, Values as basic in education, Sch. & Soc. fall 68 & The role of self-concept in achievement, J. Negro Ed, fall 68. Address: Dept. of Psychology, Ball State University, Muncie, Ind. 47306.
- PASSER, DR. HAROLD C (LARENCE). Economics. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position & address: Asst. secy. commerce econ. affairs, 69-, Dept. of Commerce, Room 5835, 14th St. & Constitution Ave. N.W., Washington, D.C. 20230.
- PASTALAN, DR. LEON ANTHONY. Sociology. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position: Assoc. prof. archit, Michigan, 69- Address: 8143 Huron River Dr, Dexter, Mich. 48130.
- PASTER, DR. IRVING. b. Newark, N.J. Sept. 10, 09; m. 40; c. 2. MANAGEMENT. B.A. Wayne State, 31, M.A. 38; Ph.D. (econ.), Michigan, 48. Invest. wage & hour & pub. contracts divs, U.S. Dept. Labor, 41-44; chief screening br, Nat. War Labor Bd, Detroit, Mich. 44-45; staff asst, indust. rels. dept, Kaiser-Frazer Corp, 47-54; cmnr. Fed. Mediation & Conciliation Serv, 51-54; indust. rels. consult. 54-68; ASSOC. PROF. MGT. SCH. BUS. ADMIN. WAYNE STATE, 68- Indust. relations. Publ: Help on industrial relations problems, Small Bus. Admin., 4/63; Think before you discipline, Supply, Mgt., 2/68; When you delegate your labor contract negotiations, Personnel J., 8/68. Address: Dept. of Management, Wayne State University School of Business Administration, Detroit, Mich. 48202.
- PASTERNAK, DR. THOMAS L (LOUIS). b. Passaic, N.J. Dec. 5, 37; m. 60; c. 2. EDUCATIONAL PSYCHOLOGY. A.B. Rutgers, 59; A.M. George Washington, 64; Nat. Defense Ed. Act fel. & Ph.D. (psychol.), Georgia, 68. Instr. psychol. & mgt. U.S. Naval Acad, 62-65; ASST. PROF. PSYCHOL. RANDOLPH-MACON WOMAN'S COL, 67- Psychol. consult., Lynchburg Head Start Prog, 69- U.S.N. 59-65, Bn. 55, Lt. Comdr. Conformity; self-concept; teaching techniques; group dynamics. Address: Dept. of Psychology, Randolph-Macon Woman's College, Lynchburg, Va. 24504.
- PASTERNAK, DR. BURTON. Anthropology. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New information: Asst. prof. anthropol, Hunter Col, 69-; Nat. Sci. Found. res. grant, 68-71. Address: Dept. of Anthropology, Hunter College, 695 Park Ave, New York, N.Y. 10021.
- PATAL, DR. RAPHAEL. Anthropology. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New publ: Israel between east and west: a study in human relations, Greenwood, 2nd ed, 70; ed, Encyclopedia of Zionism and Israel, Herzl & McGraw, 70. Address: 39 Bow St, Forest Hills, N.Y. 11375.
- PATCHEN, DR. MARTIN. Social Psychology. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position & address: Assoc. prof, 68-, Dept. of Sociology, Purdue University, Lafayette, Ind. 47907.
- PATTERSON, DR. HARRY O (SCAR). Psychology. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position: Assoc. prof, 69-, Dept. of Communication & Organizational Behavior, General Motors Institute, Third & Chevrolet Ave, Flint, Mich. 48502.
- PATTERSON, DR. JOYE. Journalism. See 5th ed. Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- PATTERSON, DR. LAURA MARGUERITE. b. Belton, Tex. Dec. 5, 16; m. 42; c. 1. MANAGEMENT, MARKETING. B.B.A. Texas, 37; M.B.A. Houston, 51; Ph.D. (bus. admin.), Texas, Austin, 66. Teacher, high schs, 45-57; asst. prof. bus. admin, McNeese State Col. (La.), 57-64; ASSOC. PROF. Southwest Texas State, 64-67; MGT. & MKT. MISSISSIPPI, 67- Organization theory; university organization; organizational and consumer behavior; human behavior in organizations. Address: Dept. of Management & Marketing, University of Mississippi, University, Miss. 38677.
- PATTERSON, DR. MILES L. b. Palatine, Ill. Jan. 17, 42. PSYCHOLOGY. B.S. Loyola (Ill.) 64; M.A. Northwestern, 66, Ph.D. (psychol.), 68. ASST. PROF. PSYCHOL. Northwestern, 68-69; MISSOURI-ST. LOUIS, 69- Psychol. Asn. Verbal learning; proxemics; influences of design on behavior. Publ: Spatial factors in social interaction, Human Rel. 68; co-auth. Interpersonal distance and impression formation, J. Personality, 70. Address: Dept. of Psychology, University of Missouri-St. Louis, 8001 Natural Bridge Rd, St. Louis, Mo. 63121.
- PATTERSON, DR. PHILIP D. JR. Economics. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position & address: Urban economist, 69-, Environmetrics, 1100 17th St. N.W., Washington, D.C. 20036.
- PATTERSON, PROF. ROBERT E. Speech & Speech Correction. See 5th ed. Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- PATTERSON, DR. THOMAS S. b. Chicago, Ill. Dec. 3, 33. COUNSELING & CLINICAL PSYCHOLOGY. B.A. Iowa Col, 55; M.S. Fordham, 60; Ph.D. (counseling psychol.), Boston Col, 65. Teacher, All Hallows Inst. 55-57; chmn. biol. dept, Cath. Mem. High Sch, 57-64; chmn. psychol. dept, Iowa Col, 64-69; ASSOC. PROF. PSYCHOL. COL. MT. ST. VINCENT, 69- Trainee in psychoanal. Inst. Ment. Health Practitioners. Psychol. Asn; Acad. Relig. & Ment. Health Assn. Existential Psychol. & Research. Reading ability and personality characteristics; psychoanalytic research; humanistic psychology; values. Address: Dept. of Psychology, College of Mt. St. Vincent, Riverdale Ave, Bronx, N.Y. 10471.
- PATTISON, DR. EDWARD MANSELL. b. Portland, Ore. June 23, 33; m. 56; c. 3. PSYCHIATRY, RELIGION. B.A. Reed Col, 56; M.D. Oregon, 58. Intern. hosp. & clinics, sch. med. Oregon, 58-59; staff psychiatrist, U.S. Med. Center Fed. Prisoners, 59-61; resident & fel. psychiat. col. med, Cincinnati, 61-64; sr. psychiatrist, clin. neuropsychol. res. Nat. Inst. Ment. Health, 64-65; instr. psychiatrist, sch. med, Washington (Seattle), 65-67; asst. prof. 67-69; ASSOC. PROF.-IN-RESIDENCE PSYCHIAT. & HUMAN BEHAV. COL. MED. CALIFORNIA, IRVINE, 70- Nat. Inst. Ment. Health career develop. fel. 61-65; fel. alcoholism, col. med, Cincinnati, 62-63, res. fel. pub. health & court clin, 63-64; dep. dir. community ment. health training, Orange County Med. Center, 70- U.S.P.H.S. 56-65, Surg. Maj. AAAS; Psychiat. Asn; Col. Psychiat; Pub. Health Asn; Group Psychother. Asn; Soc. Psychol. Study Soc. Issues. Social and community psychiatry; group psychotherapy; psychiatry and religion; alcoholism treatment; theory of psychotherapy; public health. Publ: Clinical psychiatry and religion, Little, 69; co-auth. Evaluation of alcoholism treatments, Arch. Gen. Psychiat, 69 & Psychiatric perspectives on t-groups and the laboratory method, Am. J. Psychiat, 69. Address: Dept. of Psychiatry, Orange County Medical Center, 101 S. Manchester Ave, Orange, Calif. 92668.
- PATTIN, DR. H (ASKELL) RILEY. Psychology. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position: Chmn. bd. dirs, PST, Inc, 69- Address: 323 Springs Rd. Bedford, Mass. 01730.
- PATTON, DR. JOHN STROHM. b. Carthage, Mo. Jan. 18, 18; m. 50. OPERATIONS RESEARCH, MODERN HISTORY. B.S. & Paul G. Hoffman award, Southern California, 41; George Washington, 48-51; dipl. policy & strategy, Nat. War. Col, 55-56; Ph.D. (mt. rels.) American Univ, 65. Newspaper reporter, Modesto Bee, Calif. 37-38; asst. mgr. Vending Mach. Co, 39-40; air ord. specialist, Hq. U.S. Army Air Force, 46-49; air intel. specialist, Hq. U.S. Air Force, 49-51, mem. spec. study group, 51-58; dep. dir. plans & prog. Adv. Res. Projs. Agency, U.S. Off. Secy. Defense, 58-59; SPEC. ADV. spec. adv. group, Hq. U.S. Air Force, 59-67; OFF. POLICY, Hq. NASA, 67- Prof. lectr, Catholic Univ, 66-68; mil. exec. Reserve Forces Policy Board, Off. Secy. Defense, 69- Consult. to asst. chief of staff, Hq. U.S. Air Force, 64-67. U.S. Air Force superior accomplishment awards, 52, 60 & 61; Dept. of Defense distinguished civilian serv. award, 59; Nat. Civil Serv. League merit citation, 59; career exec. roster, Civil Serv. Cmn, 60; U.S. Air Force outstanding ramp, 60, 61 & 66; Dept. of Air Force exceptional civilian serv. award, 68; Leg. of Merit, 69, U.S.A.F.R. Maj. Gen. Opers. Res. Soc. Am; Hist. Asn; Mid. East Inst; Acad. Polit. Sci; Soc. Oceanog. Military systems analysis; Sino-Soviet relations; history of Middle East. Address: Reserve Forces Policy Board, Office of Secretary of Defense, Room 3A930, Pentagon, Washington, D.C. 20301.



- PATTON, DR. WILLIAM F. b. Ft. Worth, Tex. Apr. 4, 38; m. 70. PSYCHOLOGY. B.A. Texas Christian, 63; fel. Texas, Austin, 66-67, Ph.D. (psychol), 67. ASST. PROF. PSYCHOL. MED. BR. TEXAS, 67- U.S.A., 59-62. Psychol. Assn. Developmental, child and educational psychology; mental retardation. Publ: Co-auth, Climatological influences in mental deficiency as related to three ethnic groups, *Interam. J. Psychol.*, 67. Sustained vs. interrupted institutionalization: II, *Am. J. Ment. Deficiency*, 68 & Effects of training procedures on recall of auditory sequences, *Perceptual & Motor Skills*, 70. Address: Dept. of Psychology, University of Texas Medical Branch, Galveston, Tex. 77550.
- PAUL, DR. GORDON W. Marketing. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, Dept. of Marketing, School of Business Administration, University of Massachusetts, Room 307, Amherst, Mass. 01002.
- PAUL, JAMES C. N. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- PAUL, DR. JOHN E (UGENE). b. Charleston, Ill. June 13, 17; m. 43; c. 2. SPEECH PATHOLOGY, LINGUISTICS. B.S. Ed. Eastern Illinois, 47; M.S. Purdue, 48, res. found. fel. 50, Ph.D. (speech path, audiol), 51. Instr. & asst. dir. speech clin. Purdue, 50-51; dir. & prof. speech path, Mississippi, 52-56; dir. speech path. & psychomet. med. col. Alabama, 56-58; prof. speech & chmn. dept., STATE UNIV. N.Y. COL. GENESEO, 58-65, DIR. SPEECH DIV. 65- Consult. Miss. State Sch. for Deaf, Cerebral Palsy Hosp. Sch. & Soc. for Crippled Children Ther. Center, 52-56, Ala. Aid for Retarded Children, Hearing & Speech Found. & Cerebral Palsy Center, 56-58. U.S.A. 42-46, 51-52, Capt. AAAS. Speech & Hearing Assn. Speech Assn. Am. Cleft Palate Assn. Voice science. Publ: Parent-child relationships in certain voice variables, *Purdue Res. Found.*, 52. Address: Dept. of Speech, State University of New York College at Geneseo, Geneseo, N.Y. 14454.
- PAUL, PROF. JULIUS. Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. polit. sci., State Univ. N.Y. Col. Fredonia, 70- Address: 53 Newton, Fredonia, N.Y. 14063.
- PAUL, DR. ROBERT JAMES, b. Crivitz, Wis. July 19, 31; m. 55; c. 3. MANAGEMENT, INDUSTRIAL PSYCHOLOGY. B.B.A. Wisconsin, 54, M.S. Okla. State, 62, Ph.D. (bus), Arkansas, 66. Exec. trainee, Gen. Motors Corp., 54-55; instr. engr. Corning Glass Works, 55-56, process engr., 58-59; prof. mgr., Am. Metal Climax, Inc., 59-62, instr. MGT. Okla. State, 62-63, Arkansas, 63-65; from asst. prof. to ASSOC. PROF. MISSOURI-COLUMBIA, 65-Ord.C. U.S.A. 56-58. Acad. Mgt. Personnel psychology; motivation; organization theory. Publ: Co-auth, Work sampling white collar workers, *J. Retailing*, 2/67; auth, Rating non-manual employees—empirical findings, *Personnel*, 5/68; Performance standards in non-manual work, *Indust. Engr.*, 12/68. Address: Dept. of Management, University of Missouri, Columbia, Mo. 65201.
- PAULL, DR. DONALD. Clinical Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Correction: Dipl. clin. psychol. Am. Bd. Exam. Prinf. Psychol., 62- Address: 4180 Marine Dr, Chicago, Ill. 60613.
- PAULU, PROF. BURTON, b. Pewaukee, Wis. June 25, 10; m. 42; c. 3. MASS COMMUNICATIONS. B.A. Minnesota, 31, B.S. 32, M.S. 34; Ph.D. (mass commun), N.Y. Univ., 49. Mgr. radio sta. UNIV. MINNESOTA, MINNEAPOLIS, 38-56. PROF. & DIR. DEPT. RADIO & TV, 57- Proj. supvr. Ford Adult Ed. exp. TV discussion prog. WOJ-TV, 51, consult. 51-52; Fulbright scholar, U.K. 53-54; mem. Am. del. U.S.S.R. 58; Ford Found. grants, U.K. 58-59, Geneva, 64-65; assoc. dir., U.S. Off. Ed. contract, telecom. center, Ohio State, 62, 63; Off. Int. Prog. Univ. Minn. grant, Europe, 68; summers, staff mem. radio workshop, N.Y. Univ. 43-46, 47, 48, vis. prof. Southern California, 58, Los Angeles State Col. 61. Consult. Joint Cmt. Ed. TV Meetings, 52-53. Field rep. U.S. Off. War Info, 44-45. World broadcasting, especially radio and television on the European continent. Publ: British broadcasting: radio and television in the United Kingdom, 56, British broadcasting in transition, 61 & Radio and television broadcasting on the European continent, 67, Univ. Minn. Address: Dept. of Radio & Television, Room 2, Eddy Hall, University of Minnesota, Minneapolis, Minn. 55455.
- PAVLOS, DR. ANDREW JOHN, b. Toledo, Ohio, Jan. 7, 35; m. 60; c. 2. EXPERIMENTAL SOCIAL PSYCHOLOGY. B.A. Toledo, 57, M.A. 58; Nat. Sci. Found. grants, Fla. State, summer 61, Wisconsin, summer 64; NASA grant, Nevada, 65-67, Ph.D. (psychol), 67. Res. psychologist, State of Mich., 58-60; ASST. PROF. psychol., Concord Col., 60-65; soc. psychol., Western Illinois, 67-68; EXP. SOC. PSYCHOL., JACKSONVILLE, 68- AAAS; Psychol. Assn. Attitude change; experimenter bias and effects; risk-taking. Publ: Sex differences among rural Negro children on the WISC, *W.Va. Acad. Sci.*, 33: 109-114. Address: Dept. of Psychology, Jacksonville University, Jacksonville, Fla. 32211.
- PAYETTE, DR. PIERRE R. b. Montreal, Que. May 14, 34. SOCIAL & CLINICAL PSYCHOLOGY. B.A. Montreal, 54, B.Ph. 57, M.A. 59, Ph.D. (soc. psychol), 64. Assoc. psychologist, M. Lepkin & Co., 60-62; orgn. & personnel consult, Ernst & Ernst, 62-65; sr. consult. indust. psychol., Alexander Grant & Co., 65-67, ASST. PROF. PSYCHOL., CHICAGO STATE COL., 67- Am. Psychol. Assn. Can. Psychol. Assn. Personnel selection techniques; deviant psychology; personality and culture evaluation. Address: 356 W. Wisconsin, Chicago, Ill. 60614.
- PAYN, DR. BENJAMIN ROBERT. Economics, International Relations. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Chmn. bd, Computat. Sci. Syst. Inc., 69- Address: 103 E. 86th St, New York, N.Y. 10028.
- PAYNE, DR. PETER DAVID, b. Pittsburgh, Pa. Aug. 12, 37; m. 64; c. 1. SPEECH PATHOLOGY, AUDIOLOGY. B.S. Ed. Indiana Univ. Pa., 59; M.S. West Virginia, 65, Ed.D. (speech path), 68; Virginia, 65-66. Speech clinician, Clearfield County Pub. Sch., Pa., 59-64; asst. prof. SPEECH PATH., AUDIOL., California State Col. (Pa.), 66-67; ASST. PROF. West Virginia, 67-68; BRADLEY, 68- Speech & Hearing Assn. Verbal learning. Publ: Auditory blending ability and motor proficiency in children with disorders of articulation, *J. Speech & Hearing Assn.*, fall 65. Address: School of Speech & Hearing Sciences, Bradley University, Peoria, Ill. 61606.
- PAYNE, DR. THOMAS A (LAN). Psychology, Human Engineering. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 386 Los Altos Ave, Long Beach, Calif. 90814.
- PAYSON, DR. HENRY EDWARDS. Psychiatry. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- PAYTON, PRES. BENJAMIN F. b. Orangeburg, S.C. Dec. 27, 32; m. 59. SOCIOLOGY, RELIGION. B.A. S.C. State Col., 55; Billings prize, Harvard, 57, B.D. 58; Danforth fel. 55-63; M.A. Columbia, 60; Ph.D. Yale, 63. Instr. sociol. & relig., Howard Univ. Sch. Relig., 63-65; exec. dir. dept. soc. justice, Nat. Coun. Churches, 66-67; PRES. BENEDICT COL., 67- Mem. S.C. Adv. Cmt. U.S. Cmn. Civil Rights, 67-; Am. Coun. Ed. Adminstr. Policy Cmn., 68. Sociology of religion; social ethics. Address: Benedict College, Columbia, S.C. 29204.
- PAYZS, DEAN TIBOR. Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Walker Lee Cislser prof. polit. sci. & chmn. dept, Detroit, 69- Address: Center for Continuing Education & Community Service, University of Detroit, 4001 W. McNichols, Detroit, Mich. 48221.
- PEABODY, PROF. ROBERT L (EE). Political Science, Government. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. polit. sci., Hopkins, 69- Address: 4416 Windom Place N.W., Washington, D.C. 20016.
- PEACH, PROF. PAUL. Statistics, Operations Research. See L-S Vol. 11th ed, Soc. & Behav. Vols. New information: Independent consult, 69- Address: 2 Kensington Rd, San Anselmo, Calif. 94960.
- PEACHEY, PRES. LABAN, b. Springs, Pa. Apr. 6, 27; m. 53; c. 4. PSYCHOLOGY. B.A. Eastern Mennonite Col. 52; M.Ed. Virginia, 58; Ed.D. (counseling psychol) 67, George Washington, 63. Prof. psychol., Eastern Mennonite Col., 54-67, registr., 56-58, dean of students, 57-66; PRES. HESSTON COL., 68- Res. assoc. Coun. Adv. Small Colls, D.C. 65-66; prof. Bridgewater Col., summer 64. Pres. Massanutten Ment. Health Center Bd. Va., 63-64; mem. bd. dirs. Penn Alps Assn, Md., 63-68. Psychol. Assn. Acad. Polit. & Soc. Sci. Student characteristics, a social psychology approach; student personnel services and programs in small liberal arts colleges. Publ: Learning to understand people, *Herald*, 65. Address: Office of the President, Hesston College, Hesston, Kans. 67062.
- PEARCE, DR. ANTHONY J. Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. sr. studies, 69-, Friends World College, Mitchel Gardens, Westbury, N.Y. 11590.
- PEARCY, DR. G (EORGE) ETZEL. Geography. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Chmn. 69-, Dept. of Geography, California State College, 5151 State College Dr, Los Angeles, Calif. 90032.
- PEARSON, DR. JOHN S (UMNER). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Clin. psychologist, 69-, Wichita Clinic, 3244 E. Douglas, Wichita, Kans. 67208.
- PEARSON, DR. KEITH LAWRENCE, b. Chicago, Ill. Apr. 1, 29; m. 56; c. 1. SOCIAL ANTHROPOLOGY. B.A. Augustana Col. (Ill.) 51, Ph.D. (anthrop), Arizona, 69. Training coordinator community development, Arizona State, 65-66; exec. dir. Northwest N.Mex. Off. Econ. Opportunity, 66-67; ASST. PROF. ANTHROP. Wis. State, Superior, 67-68; NORTHERN ARIZONA, 68- Consult. southwest region, VISTA & Off. Navajo Econ. Opportunity, Navajo tribe, 65-67. Int. Soc. Community Develop. Political development on the Navajo reservation; community development research, especially for the Southwestern Indian and Mexican American. Address: Dept. of Anthropology, Northern Arizona University, Flagstaff, Ariz. 86001.
- PEARSON, DR. RICHARD JOSEPH. Anthropology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-, Dept. of Anthropology, University of Hawaii, Honolulu, Hawaii 96822.
- PEARSON, PROF. ROSS NORTON. Geography. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Head dept. geog. & geol., Eastern Michigan, 69- Address: 1007 Lincoln Ave, Ann Arbor, Mich. 48104.
- PEASE, DR. JOHN ALAN, b. Grand Rapids, Mich. Mar. 8, 36; m. 58; c. 2. SOCIOLOGY. B.S. Western Michigan, 60; M.A. Mich. State, 63, Ph.D. (sociol), 68. Asst. instr. SOCIOL., Mich. State, 64-66; ASST. PROF., MARYLAND, 67-, lectr. Eng. studies prog., 68. Summers, instr. Mich. State, 68, faculty res. grant, Maryland, 69. Sociol. Assn. Soc. Study Social Probs. Class-consciousness; class and life-choices; differentials in wealth and income; economic and social mobility; majority-minority relations; social inequality; the relationships between education and stratification; the shape and span of class structures. Publ: Faculty influence and professional participation of doctoral students, *Sociol. Inquiry*, winter 67; co-auth, Sociology journals, *Am. Sociologist*, 2/68 & Income and stratification ideology, *Am. J. Sociol.*, 1/70. Address: Dept. of Sociology, University of Maryland, College Park, Md. 20742.
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- PETRAS, PROF. JOHN W., b. Ashland, Wis, Feb. 17, 40; m. 60; c. 2. SOCIOLOGY. B.A. Northland Col, 62; M.A. Connecticut, 64, Nat. Defense Ed. Act fel, 64-66, Ph.D. (sociol), 66. Asst. prof. SOCIOL., CENTRAL MICH. GAN, 66-67, assoc. prof, 67-69, PROF, 69-. Soc. Sci. Assn.; Acad. Polit. & Soc. Sci. Sociology of knowledge; social psychology; sociological theory. Publ: George Herbert Mead: essays on his social philosophy, Teachers Col, 68; co-auth, The sociology of knowledge, Praeger, 70; The Chicago and Iowa schools of symbolic interactionism, In: Human nature and collective behavior, Prentice-Hall, 70. Address: Dept. of Sociology, Central Michigan University, Mt. Pleasant, Mich. 48859.
- PETRICCIANI, DR. JOHN C. Physical Chemistry, Medicine. See Suppl. V to 11th ed, Phys. & Biol. Vols.
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- PETRO, PROF. SYLVESTER. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- PETROF, DR. JOHN V., b. Istanbul, Turkey, Jan. 7, 33; U.S. citizen; m. 59; c. 2. MARKETING MANAGEMENT. B.A. Emory, 58, B.B.A., 59. Dept. Interior Fisheries fel, Florida, 63-64, Ph.D. (mkt), 62. Instr. mkt, Atlanta, 59-61, asst. prof, 61-62; interim instr. econ, Florida, 62-63; ASSOC. PROF., MKT, Atlanta, 64-68; XAVIER (OHIO), 68-. Fredin Found. Int. Studies award, 70. Consult, Atlanta Univ. Regional Econ. Develop. center, 64-68; Eastman Kodak Co. & Marcy Assocs, 66-. Mem. bd. dir, Opportunities Industrialization Center, 60. U.S.A., 52-55, 1st Lt. Mkt. Assn.; Soc. Adv. Mgt. Study of the cultural and other environmental aspects of marketing and their implications for management. Publ: Customer strategy for Negro retailers, J. Retailing, fall, 67; Reaching the Negro market; a segregated vs. a general newspaper, J. Advertising Res, 6/68; Corporate image of chain stores among Ghetto residents, South. J. Bus, 4/69. Address: Dept. of Marketing, Xavier University, Cincinnati, Ohio 45207.
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- inventory control model for Alabama wholesalers, *J. Ala. Acad. Sci.* 10/65, Inventory analysis; a source of savings for wholesalers, *Ala. Bus.* 11/65 & Bayesian statistics in retail inventory management, *J. Retailing*, summer 68. Address: Dept. of Management, University of Alabama School of Commerce, University, Ala. 35486.
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- PHILPOT, DR. GORDON. B. Cowes, Eng. Nov. 1, 27; U.S. citizen; m. 66; c. 1. ECONOMICS. B.A. California, Santa Barbara, 65; Knapp fel, Wisconsin, 65-66, M.A. 68, Ford fel, 68-69, (econ). 69. ASST. PROF. ECON. WHITMAN COL., 69- Brit. Army, 47-62. International trade: empirical testing of the Heckscher-Ohlin theory; economic history: causes of population growth in eighteenth century England. Publ: *Lab. Reality*, returns to scale and the elasticity of factor substitution, *Rev. Econ. & Statist.* 5/70. Address: Dept. of Economics, Whitman College, Walla Walla, Wash. 99362.
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- PICKETT, DR. BETTY HORENSTEIN, b. Providence, R.I., Feb. 15, 26; m. 52. PSYCHOLOGY. A.B. Brown, 45, M.Sc. 47, Abbott Alumnae & univ. fels. & Ph.D. 49. Assnt. prof. psychol., Minnesota, Duluth, 49-51; lectr., Connecticut, 52; prfnl. assoc. psychol. sci. bnd. sci. info. exchange, Smithsonian Inst., 53-58; exec. behav. sci. study sect., Nat. Insts. Health, 58-59; exp. psychol. study sect., 59-61; consult. ment. health, U.S. Pub. Health Serv. Regional Off., Boston, Mass., 62-63; exec. secy, res. career development, prog. div. manpower & training, Nat. INST. MENT. HEALTH, 63-66; chief sec. exp. psychol. behav. sci. res. bnd. 66-69. DEPUTY DIR. DIV. EXTRAMURAL RES. PROGS., 69- Psychol. Assn; Psychomic Soc. General experimental psychology. Publ: Co-auth. Reminiscence in motor learning as a function of length of interpolated rest, *J. Exp. Psychol.* 48; auth. Performance of conditioned responses as a function of strength of hunger drive, *J. Comp. & Physiol. Psychol.* 51; co-auth. Communication of speech sounds by a tactual vocoder, *J. Speech & Hearing Res.* 63. Address: 2561 Waterside Dr. N.W., Washington, D.C. 20008.
- PICKLE, PROF. HAL B. b. Ennis, Tex., Jan. 16, 29; m. 53; c. 4. MANAGEMENT. HUMAN TEXAS STATE, 59, M.B.A. 60, Ph.D. (mgmt), Arkansas, 64. Employee, South. Pac. R.R., 53-60; assnt. prof., Southwest Texas State, 62-64, assoc. prof., 64-69; PROF. MGT., AUBURN, 69- C. Eng. U.S.A. 51-52. Acad. Mgt. Organizational analysis; small business management. Publ: Personality and success: an evaluation of personal characteristics of successful small business managers, *Small Bus. Admin.* 64; co-auth. Seven societal criteria of organizational success, *Personnel Psychol.* 67 & Components of effectiveness in small organizations, *Admin. Sci. Quart.* 68. Address: Dept. of Management, Auburn University, Auburn, Ala. 36830.
- PIEDRA, DR. ALBERTO MARTINEZ. Economic Development. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. & chmn., 67-9. Dept. of Economics, Catholic University of America, Washington, D.C. 20017.
- PIERCE, DR. JACK ROBERT. Zoology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
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- PIERCE, DR. ROBERT A. b. Hinsdale, Mass., Oct. 13, 37; m. 55; c. 3. CLINICAL PSYCHOLOGY. B.S. Springfield Col., 59; Chicago, 59-61; Ph.D. (clin. psychol.), Rochester, 65. Instr. psychiat., SCH. MED. & DENT., ROCHESTER, 65-67, ASST. PROF. PSYCHIAT. & PSYCHOL., 67- Nat. Inst. Ment. Health grant, 67-68. Col. Health Assn. Effect of needs on friendship choice; effect of group membership on mental health; community approaches to mental health on the college campus. Publ: Roommate choice and academic achievement, 4/68. Athletes in psychotherapy: how many, how come?, 2/69 & Modification of group therapy for use on the college campus, 2/70, *J. Am. Col. Health Assn.* Address: Dept. of Psychiatry & Psychology, University of Rochester School of Medicine & Dentistry, Rochester, N.Y. 14620.
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- PIVEN, DR. FRANCES FOX, b. Oct. 10, 32; U.S. citizen; div. c. 1. POLITICAL SCIENCE, URBAN PLANNING. B.A. Chicago, 53, M.A. 56, Ph.D. (soc. sci.) 62; fel. Columbia, 58-60. Res. asst. area studies, Univ. Chicago, 54-56; city planner, Voorhees, Walker, Smith & Smith, 56-58; study dir. polit. anal. Mobilization for Youth, 62-66; asst. prof. POLIT. SCI. & SOC. WEL-
- FARE, SCH. SOC. WORK, COLUMBIA, 66-69, ASSOC. PROF. 69- Lectr. urban planning, grad. div. Hunter Col. 66-67. Ford Found. travel study award, 68-69. Consult. Off. Econ. Opportunity, 65-66; Ford Found. 67-68; Nat. Welfare Rights Orgn. 69- Mem. policy cmt. Planners for Equal Opportunity, 68-70. Polit. Sci. Asn; Inst. Planners. Urban politics and planning; politics of social welfare. Publ: From crisis to crisis: the role of relief giving in moderating political disorder, Pantheon, 71; Welfare for whom, In: Reader in urban government, Free Press, 69; Federal intervention in the cities, In: Handbook on social problems, Rand McNally, 70. Address: Dept. of Political Science, Columbia University School of Social Work, 2 E. 91st St, New York, N.Y. 10028.
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POLOPOLUS, DR. LEONIDAS. Agricultural Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. agr. econ. & asst. dean grad. sch., 69-, University of Florida, 235 Tigert Hall, Gainesville, Fla. 32601.

POLSKY, PROF. NED, b. New York, N.Y. Oct. 20, 28; m. 59; c. 1. SOCIOLOGY, B.A. Wisconsin, 49; Ph.D., 48-50. Ed-in-chief, Free Press, 54-57, dir., 61-63; exec. ed. col. dept., T.Y. Crowell Co., 57-58, head col. dept., St. Martin's Press, 59-61; ASSOC. PROF. SOCIOL. STATE UNIV. N.Y. STONY BROOK, 64- Summers, State Univ. N.Y. Res. Found. faculty res. fel., 67; faculty res. fel. grad. sch., State Univ. N.Y. Stony Brook, 68. Consult., anti-poverty opera. fel. Off. Mayor, New York, 64; drug studies prog., U.S. Nat. Student Assn., 68, 69; drug ed. prog., Jr. League of New York, 69; consult. guru, Marilunas Rev., 70- Ed-in-chief, Chicago Rev., 49-50. Sociol. Assn.; Soc. Study Social Probs. Sociology of crime, delinquency and deviance; sociology of the arts; methods in historical sociology; sociology of sports and games. Publ: Hustlers, beats, and others, Aldine, 67, Doubleday Anchor, rev. ed., 69 & Penguin Books, Ltd., rev. ed., 70; The life and art of James Joyce, New Leader, 60. Address: Dept. of Sociology, State University of New York at Stony Brook, Stony Brook, N.Y. 11790.

- POMERANZ, DR. DAVID MELVIN. b. Brooklyn, N.Y. Nov. 27, 36; m. 68. PSYCHOLOGY. B.S. Brooklyn Col. 58; Ph.D. (psychol.), Rochester, 63. Instr. med. psychol. med. sch. Oregon, 63-64; res. assoc. PSYCHOL. Stanford Univ. & Vah Palo Alto, 64-65; vis. asst. prof. STATE UNIV. N.Y. STONY BROOK, 65-66; asst. prof. 66-69, ASSOC. PROF. 69- Fel. 63-64. Behavior modification and the psychology of behavior influence. Publ: Co-auth. Conditioning and transfer of therapist operations, 65 & Role of assessment in behavior modification, 68, Psychol. Reports; Effect of a placebo on a simple motor response, Perceptual & Motor Skills, 69. Address: Dept. of Psychology, State University of New York at Stony Brook, Stony Brook, N.Y. 11790.
- POMEROY, DR. EDWARD W. G. b. Victoria, B.C. July 6, 40; m. 66; c. 1. CLINICAL PSYCHOLOGY. B.A. Victoria, 62; M.A. Colorado, 65, Ph.D. (clin. psychol.), 68. Clin. intern. PSYCHOL. Vet. Admin. Hosp., Denver, 63-65; res. assoc. Human Interaction Res. Inst., Los Angeles, 65-67; ASST. PROF., Laurentian Univ., 68-69; BROCK, 69- Acting dir. psychol. serv. Sudbury Algoma Sanatorium, Ont., 68-69; consult, 69- R.C.N.R. Lt. Admin. Psychol. Assn. Can. Psychol. Assn. Work experience as a factor in life adjustment; methods of developing non-professional resources for dealing with problems of adjustment; behavior modification with children. Publ: Co-auth. An evaluation followup study of the job opportunities center experimental demonstration project for the communities of Denver and Pueblo, Colorado, Human Interaction Res. Inst. 67. A cross-cultural format for national mental health program analysis, Community Ment. Health J. 69 & Classification of low level jobs: a research scale, In: The experimental publication system, Catalog Abstracts, 9/69. Address: Dept. of Psychology, Brock University, St. Catharines, Ont., Can.
- POMEROY, DR. LEON R. b. Westfield, Mass. Dec. 6, 33. BEHAVIORAL SCIENCE, BIOLOGY. B.A. Massachusetts, Amherst, 59, M.A. 61; dipl. Brain Res. Inst., Mexico City, 64; Ph.D. (psychol.), Texas, Austin, 67. Res. asst. to Prof. Roger Williams, Clayton Found. Biochem. Inst., Texas, Austin, 61-65, res. elec. engr. asst. to Prof. A.J. Welch, biomed. engr. dept., 65-67; asst. prof. PSYCHOL. LONG ISLAND, 67-70, ASSOC. PROF. 70- Fel. Inst. Adv. Study, New York, 69-; vis. prof. Queens Col. (N.Y.), summer 69. Psychol. Assn. Behavior change technology; computer applications in behavioral sciences; personality, drug, hypnosis and vitamin investigations. Publ: Computer assisted electroencephalographic analysis of chick pyridoxine deficiency states, Tech. Report No. 36, Lab. Electronics & Related Sci. Res. Col. Eng. Univ. Texas, Austin, 67; assoc. ed. Handbook of general psychology, Prentice-Hall, (in press); auth. Brain electrode preparation; the gross EEG monitoring of large chick samples, Electroencephalogr. Clin. Neurophysiol., 68. Address: Drawer B, Brooklyn Heights, N.Y. 11202.
- POMNICHOWSKI, PROF. ALEX S. b. Wyandotte, Mich. July 30, 29; m. 53; c. 3. MANAGEMENT. B.A. Eastern Michigan, 51; M.A. Michigan, 52; M.B.A. 59, Ph.D. bus. 61; Mich. State, 64-65. Instr. pub. schs. Mich., 54-56; bus. Michigan, 56-59; prof. & chmn. dept., Parsons Col., 61-67; PROF. BUS. ADMIN. & HEAD DEPT., FERRIS STATE COL., 67- Vis. prof. St. Cloud State Col., 66; participant, Found. Econ. Ed. summer 66. Judge Advocate Gen. C. U.S.A. 52-54. Econ. Asst. Acad. Mgt. Indust. Rels. Res. Asn. Soc. Training & Development, N.Am. Res. Group Mgt. Training and development of managers; management value systems; comparative administration; industrial relations systems. Address: Dept. of Business Administration, Ferris State College School of Business, Big Rapids, Mich. 49307.
- PONTHIEU, DR. LOUIS DAVID, b. Galveston, Tex. Mar. 8, 40; m. 64; c. 1. MANAGEMENT. B.B.A. North Texas State, 62, M.B.A. 63, Ph.D. (econ. admin.), Arkansas, 69. Instr. bus. admin. North Texas State, 62-63; econ. & mgt., Arkansas, 63-67; ASSOC. PROF. MGT., TEXAS TECH, 67- Texas State appropriated res. award, 68-69. Mgt. Asst. Acad. Mgt. Soc. Personnel Adm. Manpower analyses of utilization of human resource groups, especially the disadvantaged, handicapped, creative personnel and women. Publ: Successful zero defects management; some research findings, South. J. Bus. 7/69; co-auth. How hospital administrators waste time, Hosp. Mgt., 8/69. Address: Dept. of Management, Texas Tech University, Lubbock, Tex. 79409.
- POOL, DR. D(AVID) IAN. Demography. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Asst. prof. International Population Program, Cornell University, Ithaca, N.Y. 14850.
- POOLE, PROF. CHARLES P(INCKNEY). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Independent consult. psychologist, 63. Address: 901 Watson Rd, Mt. Pleasant, Mich. 48858.
- POOLE, LYNN D. Public Relations. See 11th ed, Soc. & Behav. Vols. deceased 69.
- POOLE, DEAN RICHARD W(ILLIAM). Economics, Statistics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: College of Business Administration, Oklahoma State University, Stillwater, Okla. 74074.
- POOLE, DR. WILLIAM. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Economist, 69- Division of Research and Statistics Board of Governors of the Federal Reserve System, Washington, D.C. 20551.
- POPE, DR. BENJAMIN. Clinical Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: Sheppard & Enoch Pratt Hospital, Box 6815, Towson, Md. 21204.
- POPE, DR. HENRY L(OUIS), JR. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Ment. health prof. adminstr., 68- Division of Mental Health, Dept. of Institutions, P.O. Box 768, Olympia, Wash. 98501.
- POPENOE, DR. DAVID. Sociology, Urban Planning. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69- Dept. of Sociology, Douglass College, Rutgers, The State University, Carpender Hall, New Brunswick, N.J. 08903.
- POPPINO, ROLLIE E(DWARD). Latin American History. See 5th ed, Dir. Am. Scholars, Vol. 1, Hist.
- POPRICK, DR. MARY ANN, b. Chicago, Ill. June 25, 39. EXPERIMENTAL PSYCHOLOGY. B.A. DePaul, 60, M.A. 64; Ph.D. (exp. psychol.), Loyola, 68. Psychol. intern. Elgin State Hosp., Ill. 61-62, staff psychologist, 62; Ill. State Training Sch. for Girls, 62-63; Mt. Sinai Hosp., 63-64; lectr. PSYCHOL. Loyola, 64-67; asst. prof. LEWIS COL., 67-70, ASSOC. PROF. 70-, CHMN. DEPT., 68- AAAS; Psychol. Assn. Social psychology, particularly group risk taking behavior. Publ: Co-auth. Effects of source credibility on the relationship between authoritarianism and attitude change, J. Personality & Soc. Psychol., 9: 179-183. Address: Dept. of Psychology, Lewis College, Lockport, Ill. 60441.
- PORTER, PROF. ALBERT L. b. Hanna, Alta, May 16, 20; U.S. citizen; m. 50; c. 3. BUSINESS MANAGEMENT. B.S. Michigan Tech, 42; M.B.A. Stanford, 48, Ph.D. (bus), 61. Agent, Equitable Life Assurance Soc. U.S. 48-50, assistant mgr., 50-53; asst. prof. BUS. MGT., SAN JOSE STATE COL., 55-58; assoc. prof. 58-69, PROF. 69- West. Mgt. Sci. Inst. res. grant, grad. sch. bus., California, Los Angeles, 61-62; vis. prof. Oregon, 66-67. U.S.N.R. 43-, Lt. Comdr. Inst. Mgt. Sci. Validity studies correlating adult achievement in management with college and pre-college predictor information; pathological work-orientation. Publ: The business school transition: from folklore to science, J. Higher Ed., 3/63. Validity of socioeconomic origin as a predictor of executive success, J. Appl. Psychol., 2/65 & Hopkins syndrome: the pathologically work-oriented manager, Bull. Oper. Res. Soc. Am. 68. Address: School of Business, San Jose State College, 125 S. Seventh St., San Jose, Calif. 95114.
- PORTER, PROF. DOROTHY. Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: Box 23545, Texas Woman's University, Denton, Tex. 76204.
- PORTER, DR. E(LIAS) H(ULL). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Syssts. scientist, Technomics Inc., Silver Spring, 69- Address: 4977 Battery Lane, Bethesda, Md. 20014.
- PORTER, PROF. JOHN. Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69- Dept. of Sociology, Carleton University, Ottawa, Ont., Can.
- PORTER, DR. JUDITH R. b. Philadelphia, Pa. Mar. 26, 40; m. 60; c. 2. SOCIOLOGY. B.A. Cornell, 62, M.A. 63; Nat. Sci. Found. fel. Harvard, 63-66, Ph.D. (sociol.), 67. Teaching asst. soc. rels., Harvard, 64-65; lectr. SOCIOLOGY, BRYN MAWR COL., 66-67, ASST. PROF., 67- Sociol. Assn. Race relations; sociology of poverty; sociology of religion. Address: Dept. of Sociology, Bryn Mawr College, Bryn Mawr, Pa. 19010.
- PORTER, DR. KENNETH DUANE, b. Brighthurst, Ind. Feb. 18, 34; div. c. 1. PSYCHOLOGY. B.S. Purdue, 56, M.S. 58, Ph.D. (psychol.), 63. Psychologist, Ft. Benjamin Harrison, 61-62; mil. psychologist, U.S. Navy, 63-66; res. psychologist, ATHENS MENT. HEALTH CENTER, 66-68, DIR. PSYCHOL., U.S.N.R. 62-66, Lt. (g). Psychological test validity; psychopathology of schizophrenia. Address: P.O. Box 637, Athens, Ohio 45701.
- PORTER, DR. MYNA T(HEISEN). Biochemistry, Enzymology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- PORTER, PROF. RICHARD C. b. Hartford, Conn. Aug. 1, 31; m. 60; c. 2. ECONOMICS. B.A. Williams Col., 54, M.A. Yale, 54, Ph.D. (econ), 57. Instr. econ. Yale, 57-58, asst. prof. 59-60, 62-64; vis. lectr. Bombay, 58-59; res. adv. Inst. Develop. Econ. Karachi, Pakistan, 60-62; assoc. prof. ECON. MICHIGAN, 64-68, PROF. 69-, ASSOC. DIR. CENTER RES. ECON. DEVELOP., 64- Consult. Agency Int. Develop. D.C., 64-67; econ. adv. Govt. Colombia, 67-68. Econ. Assn. Industrial and foreign trade policies of underdeveloped countries; monetary policy; economic theory. Publ: A growth model forecast of faculty size and salaries in U.S. higher education, Rev. Econ. & Statist., 5/65; The promotion of the banking habit and economic development, J. Develop. Studies, 7/66; Some implications of postwar primary product trends, J. Polit. Econ., 5-6/70. Address: Dept. of Economics, University of Michigan, 309 S. State, Ann Arbor, Mich. 48104.
- PORTER, PROF. RICHARD LISTER, b. Omaha, Nebr. Feb. 22, 16. ECONOMICS. A.B. St. Louis, 39, M.A. 42, S.T.L. 48, Ph.D. (econ), 52; California, Berkeley, 50-51. Instr. high sch. Mo., 42-44; econ. St. Louis, 51-54; asst. prof. Rockhurst Col., 54-56; assoc. prof. econ. & chmn. dept. Creighton, 56-61; PROF. ECON. Marquette, 61-67; OKLA. STATE, 67- Ford faculty res. fel. Univ. Michigan, summer 60. Econ. Asn. Publ: The role of economics in business ethics, Marquette Bus. Rev. 9/65; Gross national product, economic welfare and Christian virtue, Rev. Soc. Econ. 9/65; Economic fluctuations, inflation and deflation, Investment, Theory of money & Economic speculation, In: New Catholic Encyclopedia, McGraw, 67. Address: 111 N. Duck, Stillwater, Okla. 74074.
- PORTNOY, DR. MAURICE. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 80 East End Ave, New York, N.Y. 10028.
- POSER, DR. E(RNEST) G(EOURGE). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. psychology, McGill, 69- Address: 4012 Marlowe Ave, Montreal 260, Que., Can.
- POSNER, DR. JAMES ARTHUR, b. Columbus, Ohio, Sept. 14, 39; m. 61; c. 2. PSYCHOLOGY. B.A. Baylor, 61; M.S. Fla. State, 64, Ph.D. (psychol.), 66. Fel. psychol. serv. Devereux Found., Pa., 66-67; ASSOC. PROF. PSYCHOL., CARSON-NEWMAN COL., 67-, CHMN. ED. & PSYCHOL. DEPT., 70- Psychol. Assn. Chemistry of learning; social influence. Address: Dept. of Psychology, Carson-Newman College, Jefferson City, Tenn. 37760.
- POST, DR. ALBERT. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Int. economist, 69-, Mellon National Bank & Trust Co., Mellon Square, Pittsburgh, Pa. 15222.



POST, PROF. CHARLES GORDON. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, Vassar Col, 69-, Campbell vis. prof. govt, 69-, Wells College, Aurora, N.Y. 13026.

POSVAR, CHANCELLOR WESLEY WENTZ, b. Topeka, Kans, Sept. 14, 25; m. 50; c. 3. POLITICAL SCIENCE. B.S. U.S. Mil. Acad, 46; Rhodes scholar, Oxford, 48-51, B.A., 51, M.A., 54; Littauer fel, Harvard, 62-64, M.P.A. & Ph.D.(polit. sci.), 64; fel, Mass. Inst. Tech, 63-64, L.L.D., Carnegie-Mellon Univ, 68. Asst. prof. soc. sci., U.S. Mil. Acad, 51-54; mem. long-range objectives & prog. group, Directorate Plans, Hq., U.S. Air Force, 54-57; prof. polit. sci. & head dept. & chmn. soc. sci. div., U.S. Air Force Acad, 57-67; CHANCELLOR, PITTSBURGH, 67-; consult, various govt, agencies, 57-; Mem. cmm. acad. admin. Am. Coun. Ed. & adv. coun. East Air Lines, 67-; vis. cmt. dept. govt. Harvard & adv. cmt. Assoc. Univs, Inc, 68-; U.S.A.F. 46-67, Col. Int. Studies Assn (res. 61-62); Int. Strategic Studies; Coun. For. Rel. National security policy; arms control & disarmament; strategic planning; university administration; management of resources for higher education; planning, programming and budgeting systems for higher education. Publ. Ed. American Defense Policy, Johns Hopkins, 65; auth. National security policy: the realm of obscurity, Orbis, 65; The political environment for military planning, U.S. Air Force Space Digest, 12/66. Address: 106 Cathedral of Learning, University of Pittsburgh, Pittsburgh, Pa. 15213.

POTTER, PROF. HAROLD HERBERT, b. Montreal, Que, Mar. 27, 14. SOCIOLOGY. B.A. Sir George Williams Col, 39; M.A. McGill, 49; Chicago, 52-54. Lectr. SOCIOLOGY, SIR GEORGE WILLIAMS, 47-49, asst. prof, 49-54, assoc. prof, 54-63, PROF, 63-, chmn. dept, 61-66. Outside reader of grad. theses in soc. 61-66. Can. Army, 42-44, Sgt. Sociol. Assn. Can. Sociol. & Anthropol. Assn. Negro settlement in Canada; family background of Negro professionals in Canada. Publ. Co-auth, Camp Laquema: a bilingual adult education centre, Can. Assn. Adult Ed, 53; auth. Negro settlement in Canada, Race Rel. Inst. 61; Address: Dept. of Sociology, Sir George Williams University, 1435 Drummond St, Montreal 107, Que, Can.

POTTER, PROF. HELEN CATHERINE. Economics, Finance. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 68-, Dept. of Family Economics, Purdue University, Lafayette, Ind. 47907.

POTTER, DR. LOIS S. b. Volga, S.Dak, Dec. 15, 24; m. 60; c. 1. SPEECH PATHOLOGY, EDUCATION. B.A., Yankton Col, 46; summer, South Dakota, 47; M.A. Iowa, 50; Ph.D.(speech path), Wisconsin, 59. Teacher, high sch, S.Dak, 46-49; instr. speech path. & speech consult, Northern Iowa, 50-53; diagnostician speech therapist, Univ. Wisconsin Hosp, 53-54; asst. prof. speech path. & speech consult, NORTHERN IOWA, 54-59, ASSOC. PROF. SPEECH PATH. & SPEECH CONSULT, 59-. Mem. bd. gov. Coun. Except. Children, 64-67. Speech & Hearing Assn. Coun. Except. Children; Nat. Coun. Teachers English; Speech Assn. Am. Student teaching programs in speech correction; group hearing testing. Publ. Co-auth, Basic records and reports for public school speech therapists, Kluft; auth. A plan for individualized speech activities in the elementary school, Speech Teacher, 9/66. Address: Dept. of Teaching, University of Northern Iowa, Cedar Falls, Iowa 50613.

POTTER, PROF. ROBERT (JOHN), b. Gunnison, Colo, Nov. 15, 23; m. 47; c. 3. SOCIOLOGY. B.A. Colorado, 49; M.A., 54, Ph.D.(sociol), 65. Lectr. SOCIOLOGY, Michigan, 49, 58-65; res. assoc. of Sociology, 49-58; Soc. Sci. State Univ. N.Y. COL BROOKPORT, 67-68, PROF, 68-, CHMN. DEPT. 67-; U.S.A.F.R. 42-52, Capt. Sociol. Assn. Social psychology; social change; sociology of leisure; field survey research; small group interaction; participant observation. Publ. Co-auth, An analytic unit for the study of interaction, Human Rel., 62; auth, Portrait of a working class college, Dissent, 64; Sociable conversation among friends, families and strangers, Rocky Mt. Soc. Sci. J, 67. Address: Dept. of Sociology & Anthropology, State University of New York College at Brockport, Brockport, N.Y. 14420.

POTTHOFF, DR. RICHARD (FREDERICK). Mathematical Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 803 Winview Dr, Greensboro, N.C. 27410.

POTVIN, PROF. RAYMOND (HERVE). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn. dept. sociol, 69-, Catholic University, Box 1264, Washington, D.C. 20017.

POUNDS, DR. BILLY DEAN, b. Belmont, Miss, Jan. 23, 30; m. 52; c. 2. POLITICAL SCIENCE, LAW. B.S. Miss. State, 52, M.Ed., 53, Ed.D.(polit. sci.), 68. Asst. soc. studies, Miss. State, 51-52; teacher, Thrasher High Sch, 52; Wheeler High Sch, 53; instr. Soc. STUDIES, Northeast Miss. Jr. Col, 53-57 & 60-61; ASSOC. PROF. MISS. STATE, 59-60; U.S.A.F. 57-59, Capt. Polit. Sci. Assn. Two party system in Mississippi; growth and development of the Republican party in Mississippi. Publ. A determination and appraisal of content of introduction to political science courses in selected four year colleges and universities in the United States, Miss. State Univ, 68. Address: 1720 Forest Hill Dr, Columbus, Miss. 39701.

POWELL, DR. BARBARA (JOAN). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. psychol. serv, 69-, Malcolm Bliss Hospital, 1420 Grant St, St. Louis, Mo. 63104.

POWELL, DR. DAVID E. b. New York, N.Y., Oct. 15, 39; m. 64; c. 1. POLITICAL SCIENCE. B.A. Amherst Col, 61; M.A. Yale, 62, Nat. Defense Ed. Act fel, 62-63, Ph.D.(polit. sci.), 66. ASST. PROF. govt. & polit, Maryland, 66-68; GOVT. & FOR. AFFAIRS, VIRGINIA, 68-. Polit. Sci. Assn. Adv. Slavic Studies; Int. Studies Assn. Soviet politics; anti-religious propaganda in the Soviet Union; comparative Communism; Communism and revolution. Publ. The effectiveness of Soviet anti-religious propaganda, Pub. Opinion Quart, fall 67; Mao and Stalin's mantle, Probs. Communism, spring 68. Address: 101 Overlook Dr, Charlottesville, Va. 22901.

POWELL, PROF. HAROLD, b. Jacksonboro, S.C., Dec. 17, 32. SPEECH PATHOLOGY, AUDIOLOGY. B.A., Woodrow Wilson & Danforth fcls, S.C. State Col, 61; M.S. Pa. State, 63, Ph.D.(speech path), 66. Assoc. prof. SPEECH

CORRECTION, S.C. STATE COL., 65-67, PROF, 67- U.S.A.F. 50-57, T/Sgt. Speech & Hearing Assn. Development of stuttering among Negroes; language development in the culturally deprived. Address: Dept. of Speech Correction, South Carolina State College, Orangeburg, S.C. 29115.

POWELL, NORA (PHYLLIS). Demography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Dept. prof. div. UN, 69-. Address: 510 E. 23rd St, New York, N.Y. 10010.

POWELL, PROF. REED (MADSEN). Business Administration, Management Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also assoc. dean & dir. div. res. col. admin. sci, Ohio State, 68-. Address: 4331 Dunnington Rd, Columbus, Ohio 43221.

POWELL, PROF. THEODORE. Public Administration. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Pres, 89-, Southeast College, 8600 S. Anthony Ave, Chicago, Ill. 60617.

POWERS, DR. EDWARD A. b. Clarksburgh, W.Va., Mar. 10, 41; m. 61; c. 2. SOCIOLOGY. B.A. Alma Col, 62; M.A. Indiana, 65; Ph.D.(sociol), Ohio State, 68. Instr. SOCIOLOGY, IOWA STATE, 67-68, ASST. PROF, 68-. Sociol. Assn. Nat. Coun. Family Rel. Dating, mate selection and early marriage; aging. Address: 310 Tenth St, Ames, Iowa 50010.

POWERS, DR. MARK J. b. Mauston, Wis, Sept. 16, 40; m. 64; c. 1. ECONOMICS, AGRICULTURAL ECONOMICS. B.S. Wis. State, Platteville, 63; M.S. Wisconsin, Madison, 65, Ph.D.(agr. econ), 66. Farm mgr. Wis. State, Platteville, 62-63; res. asst. agr. econ, Wisconsin, Madison, 63-66; asst. prof. econ, S.Dak. State, 66-69, assoc. prof, 69-70, V.PRES. RES, CHICAGO MERCANTILE EXCHANGE, 70-. Nat. Guard, 59-65. Agr. Econ. Assn; Int. Agr. Econ. Assn. Economic theory; commodity futures trading. Publ. Hedging forward contracting and agricultural credit, Bull. 545, S.Dak. State Univ; Effects of contract provisions on the success of a future contract, J. Farm Econ, 11/67 & Does future trading reduce price fluctuations in the cash market, Am. Econ. Rev, 6/70. Address: Chicago Mercantile Exchange, 110 N. Franklin, Chicago, Ill. 60606.

POWERS, DR. RICHARD BRIAN, b. Los Angeles, Calif, Apr. 12, 32; m. 62; c. 1. PSYCHOLOGY. B.A. Calif. State Col. Los Angeles, 59; M.A. 62; Nat. Inst. Ment. Health, fel, Arizona State, 63-65, Ph.D.(psychol), 67. ASST. PROF. PSYCHOLOGY, East Wash. State Col, 66-69; UTAH STATE, 69-. U.S.A.F. 52-56. A.A.A.S. Psychol. Assn; Animal Behav. Soc. Experimental analysis of social behavior, especially cooperation and competition. Publ. Co-auth, Attention span: an operant conditioning analysis, Except. Children, 67; auth, Clock-delivered reinforcers in conjunctive and interlocking schedules, J. Exp. Anal. of Behav, 68; Errorless training of a visual discrimination in pre-school children, Psychol. Record, 70. Address: Dept. of Psychology, Utah State University, Logan, Utah 84321.

POWERS, PROF. RICHARD DALE, b. Akron, Ohio, Dec. 29, 27; m. c. 4. MASS COMMUNICATIONS. B.S. Ohio State, 50; M.S. Wisconsin, 52, Ph.D. (mass commun), 57. Asst. prof. AGR. JOURNALISM, WISCONSIN, MADISON, 52-57, assoc. prof, 57-62, PROF, 62-. Ed. Wis. Exp. Sta, 50-62; vis. prof, postgrad. sch, Nat. Sch. Agr, Mex, 69-. U.S.A.A.F. 46-47. Asn. Ed. in Journalism. Readability and analysis of writing style; comprehension of non-verbal communications. Publ. Co-auth, Agricultural newswriting, Brown, 59-62; auth, Statistical methods for communal research, Univ. Wis. Dept. Agr. Journalism, 66; Comprehension of graphs, J. Coop. Ext, 68. Address: Dept. of Agricultural Journalism, University of Wisconsin, Madison, Wis. 53706.

POWRIE, DR. THOMAS LAWRENCE. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn, 69-, Dept. of Economics, University of Alberta, Edmonton, Alta, Can.

POYNOR, DR. GEORGE VAUGHN. Mathematics, Computer Science. See Suppl. V to 11th ed, Phys. & Biol. Vols.

POZOS, DR. ROBERT STEVEN. Neuropsychology, Biophysics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.

PRATHER, DR. ELIZABETH MOODIE, b. West Point, Nebr, Mar. 14, 30; m. 59; c. 2. SPEECH PATHOLOGY, AUDIOLOGY. B.S. Nebraska, 52; M.A. Iowa, 57, Ph.D.(speech path, audiol), 60. Speech therapist, pub. schs, Hastings, Nebr, 52-55; teaching asst. speech path. & audiol, Iowa, 55-57; instr. speech, Nebraska, 57-58; res. assoc. speech path. & audiol, Iowa, 58-61. ASSOC. PROF. SPEECH, WASHINGTON (SEATTLE), 65-. Interlingua ed, J. Speech & Hearing Res, 61-63; auth, Articulation effectiveness; severity of stuttering ratings; measures of language development. Publ. Scaling defectiveness of articulation by direct magnitude estimation, 12/60 & co-auth, Procedures for scaling severity of stuttering, 6/63, J. Speech & Hearing Res; auth, An approach to clinical supervision, Am. Speech & Hearing Assn, 12/67. Address: Dept. of Speech, University of Washington, Seattle Wash. 98105.

PRATT, DR. HENRY J. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof, 70-, Dept. of Political Science, Wayne State University, Detroit, Mich. 48202.

PRATT, PROF. LOIS (VER VEER). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, Jersey City State Col, 68-. Address: 197 Fernwood Ave, Upper Montclair, N.J. 07043.

PRATT, PROF. SAMUEL ALEXANDER). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, 68-, Dept. of Sociology, Montclair State College, Valley Rd, Upper Montclair, N.J. 07043.

PRAY, DR. SIDNEY (LUCIUS), Jr, b. Chicago, Ill, Feb. 24, 34; m. 60; c. 2. PHYSIOLOGICAL & COMPARATIVE PSYCHOLOGY. B.S. Illinois, 55; M.A. Southern Illinois, 61; fel, Texas Christian, 62, Ph.D.(psychol), 67. Instr. psychol, Illinois Wesleyan, 60-61; psychol. res. med. br, Texas, 64; ASST.

- PROF. PSYCHOL. Southeast. La. Col. 66-68; FLORIDA ATLANTIC, 68-Vis. scientist, Delta Regional Primate Res. Center, 66-68. U.S.A. 57-59. AAAS. Psychopharmacological and experimental variables. Address: Dept. of Psychology, Florida Atlantic University, Boca Raton, Fla. 33432.
- PREECE, RICHARD MATHESON. Political Science, History. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: U.S. Army Combat Development Command, Institute of Land Combat, The Hoffman Bldg, Eisenhower Ave, Alexandria, Va. 22314.
- PRENDERGAST, PROF. GEORGE A. b. Reading, Pa. Aug. 21, 33; m. 60; c. 3. ECONOMICS, ECONOMIC HISTORY. B.S. St. Joseph's Col.(Pa.) 55; M.A. Pennsylvania, 60, Econ. Ed. Found. fel, 62; Acad. Food Mkt. fel, 69. Instr. acct, ST. JOSEPH'S COL.(PA.) 56-61, ASST. PROF. ECON. 62- Lectr. Rosemont Col. 58-63. Econ. Asn. Hist. Asn. Comparative growth and development of twentieth century United States food distribution; regulation of public utilities. Publ: Regulatory implications of the changing economic environment, 11/67, The FCC proceedings—issues and implications, 9/68 & More on the FCC-AT&T proceedings, 1/70, Pub. Utilities Fortnightly. Address: Dept. of Economics, St. Joseph's College, City Ave. at 54th St, Philadelphia, Pa. 19131.
- PRESCOTT, PROF. DANIEL A.(LFRED). Educational Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Independent consult. human develop, & teacher ed, 69- Address: 25 E. Wayne Ave, Apt. 702, Silver Spring, Md. 20901.
- PRESHING, DR. WILLIAM ANTHONY. Marketing, Management. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Dir, 69-, Institutional Research & Planning, University of Alberta, Edmonton, Alta, Can.
- PRESSAU, DR. JACK R. Religious Education, Psychology. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- PRESEY, DR. ALEXANDER WILLIAM, b. Ethelbert, Man, Feb. 8, 30; m. 59; c. 2. PSYCHOLOGY, B.A. Manitoba, 59, M.A. 61; Ph.D.(psychol), Alberta, 65. Res. psychologist, Sask. Dept. Health, 61-63; asst. prof. PSYCHOL. MANITOBA, 65-68, ASSOC. PROF. 68-. Can. Psychol. Asn. Perception and cognition. Publ: Theory of the Mueller-Lyer illusion, Perceptual & Motor Skills, 67. Address: Dept. of Psychology, University of Manitoba, Winnipeg, Man, Can.
- PRESTON, DR. JAMES DENE, b. Murfreesboro, Tenn. Dec. 7, 40; m. 65. SOCIOLOGY, B.S. Middle Tenn. State, 62; Nat. Defense Ed. Act fel. Miss. State, 62-65, M.A. 64, Ph.D.(sociol), 67. Asst. sociologist, Miss. State, 65-66; asst. prof. SOCIOL, TEXAS A&M, 66-70, ASSOC. PROF. 70-. Sociol. Asn; Rural Sociol. Soc. Study Social Probs. Community sociology; psychiatric sociology. Publ: On norm qualities and deviant drinking behavior, Soc. Probs, spring 69; Religiosity and adolescent drinking behavior, Sociol. Quart, summer 69; A comparative methodology for identifying community leaders, Rural Sociol, 12/69. Address: Dept. of Sociology, Texas A&M University, College Station, Tex. 77843.
- PRESTON, DR. MALCOLM S(TURGEON). Psycholinguistics, Medical Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- PRESTWOOD, PROF. CHARLES M. JR, b. Brewton, Ala. Apr. 27, 31; m. 51; c. 4. SOCIOLOGY, RELIGION. A.B. Birmingham-South. Col. 53; S.T.B. & Bishop Baker award, Boston, 56, Ph.D.(soc. theory), 60. Thesis dir, George Washington, 53-55; asst. prof. philos, Birmingham-South. Col. 58-59; PROF. SOCIOL. & PHILOS, MISS. STATE COL. WOMEN, 68- Consult, Off. Econ. Opportunity, 65- Mem. Ala. Adv. Cmt. to U.S. Cmn. Civil Rights, 59-65; Gov. Cmt. Penal Reform, Ala. 60-63; alumni adv. cmt, sch. theol, Boston Univ. 65-. bd. dirs, Home Counseling Serv. Inc. 68- Changing sociological ideas of Deep South Clergy. Publ: Dilemmas of Deep South clergy, Christianity Today, 61; Bureaucracy and the Gospel, 63 & The new breed of clergy, 68, Christian Advocate. Address: Dept. of Sociology, P.O. Box 160, Mississippi State College for Women, Columbus, Miss. 39701.
- PREVOTS, DR. CLAUDE (HENRY). Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- PREWITT, ROY (AVERY). Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Acting dir, bur. of econ, Federal Trade Cmn, 69- Address: 4339 26th St. N, Arlington, Va. 22207.
- PRICE, DR. (ARTHUR) COOPER. Clinical Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Chief, health prog. & chief, psychol. serv, 69-, Federal Correctional Institution, Tallahassee, Fla. 32304.
- PRICE, DR. C. HOYT. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Dir, info. res, Gulf Oil Corp, 70- Address: 1841 Brandywine Dr, Allison Park, Pa. 15101.
- PRICE, DR. JOHN ANDREW, b. Merced, Calif. Feb. 16, 33; m. 57; c. 4. CULTURAL ANTHROPOLOGY. B.A. Utah, 59, M.A. 62, Ph.D.(anthrop), Michigan, 67. Asst. prof. ANTHROP, California, Los Angeles, 65-67; San Diego State Col. 67-70; ASSOC. PROF. YORNT (ONT), 70- Consult, U.S.-Mex. border studies prog, Notre Dame, 68-70. U.S.A. 52-55, Sgt. Soc. Appl. Anthropol; fel. Anthropol. Asn; Ethnol. Soc. Economic and urban anthropology; Japanese, American Indian and Mexico studies. Publ: Washo economy, Nev. State Mus, 62; The migration and adaptation of American Indians to Los Angeles, Human Orgn, 68; A history of the outcasts, In: Japan's invisible race, Univ. California, 66. Address: Dept. of Sociology, York University, Toronto 12, Ont, Can.
- PRICE, DR. JOHN (RUYAN). Clinical Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 4320 Wornall Rd, Suite 404, Kansas City, Mo. 64111.
- PRICE, DR. MELVYN (GERALD), b. Wichita, Kans. July 9, 47; m. 68. PSYCHOLOGY, SPECIAL EDUCATION. B.A. Oklahoma, 64, Ed.M. 65, Ph.D. (spec. ed), 68. Res. asst. statist. Nat. Severe Weather Storms Lab. & res. inst. Oklahoma, 65-66; psychologist, Pontotoc County Guid. Center, Okla. State Health Dept, 66-67; ASST. PROF. PSYCHOL. OKLAHOMA CITY UNIV, 67-, CHMN. DEPT. 70- Process of categorization in normal and retarded children; meaningfulness as a function of learning in education; student behavior and values in non-assigned non-class room situations. Address: Dept. of Psychology, Oklahoma City University, 2501 N. Blackwelder, Oklahoma City, Okla. 73106.
- PRIEN, DR. ERICH (PAUL). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Psychology, Memphis State University, Memphis, Tenn. 38111.
- PRIM, DR. MERLE MINISAA. Psychology, Neuropsychology. See 12th ed, Phys. & Biol. Vols.
- PRIMEAUX, DR. WALTER JOSEPH, JR. ECONOMICS. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-, Dept. of Economic Research, University of Mississippi, Box 419, University, Miss. 38677.
- PRINCE, PROF. DAVID HYDE, b. Dunningan, Va. Mar. 2, 22; m. 48; c. 2. PSYCHOLOGY, EDUCATION. A.B. Wofford Col. 47, M.A. 51; Ph.D.(ed), North Carolina, Chapel Hill, 59. Teacher & athletic dir, high sch, N.C. 47-54, teacher-coach, 54-55; admin. asst. for continuation ed, sch. med. North Carolina, 55-58; PROF. ED. & PSYCHOL. & CHMN. DEPT. ED. WOFFORD COL. 58- Vis. prof, Furman Univ, summers 65-69. Consult, Butte Knit Mills, S.C. 67; Learning Found. of Carolinas, 67-68. A.U.S. 42-46, S/Sgt. Teacher and secondary education; educational testing; history of education. Address: Dept. of Education, Wofford College, Spartanburg, S.C. 29301.
- PRINCE, PROF. DOROTHY MAE. Education, Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 1803 Curry St, Greensboro, N.C. 27406.
- PRINCE, PROF. EWART A. Political Science, International Relations. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Correction: Prof, 67-, Dept. of Political Science, Bishop's University, Lennoxville, Que, Can.
- PRINCE, DR. MELVIN. Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Sr. res. dir, Batten, Barton, Durstine & Osborn, 69- Address: 5700 Arlington Ave, Riverside, N.Y. 10471.
- PRINCE, DR. THOMAS (RICHARD). Accounting, Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. acct. & chmn. dept. acct. & info. systs, grad. sch. mgmt, Northwestern, 69- Address: 1245 Maple Ave. Wilmette, Ill. 60091.
- PRINGLE, PROF. BRUCE (MARION). Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: No longer chmn. dept. sociol. & anthrop, Southern Methodist, 69. Address: 826 Northlake Dr, Richardson, Tex. 75080.
- PRINS, DR. T. DAVID. Speech Pathology, Audiology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-. University Speech & Hearing Clinic, University of Washington, 1320 N.E. Campus Pkwy. Seattle, Wash. 98105.
- PRIOR, DR. ROGER (ANSON). Geography. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Economist, & acting dep. prof, 69-, Office of Economic Research, Economic Development Administration, 3300 Whitehaven St. N.W., Washington, D.C. 20007.
- PRITCHETT, PROF. C(HARLES) HERMAN. Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Political Science, University of California, Santa Barbara, Calif. 93106.
- PRITCHETT, DR. SAMUEL TRAVIS, b. Emporia, Va. Dec. 18, 39; m. 60; c. 1. BUSINESS ADMINISTRATION. B.S. Va. Polytech. Inst, 60, M.S. 67; D.B.A., Indiana, 69. Claim rep. Equitable Life Assurance Soc. of U.S. 60-64, asst. div. claim mgr, 64-65; asst. bus. admin. Va. Polytech. Inst, 65; assoc. ins. Indiana, 66-69; ASST. PROF. BUS. ADMIN. RICHMOND, 69- Risk & Ins. Asn. Financial and sociological aspects of life insurance organizations. Publ: Co-auth, Cumulative index to the Journal of Risk & Insurance, 1932-1967, 69 & auth, The problem drinker and group weekly indemnity insurance claims, 12/70, J. Risk & Ins. Address: 210 Roslyn Hills Dr, Richmond, Va. 23229.
- PRITZKER, L(EON). Statistics, Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. mkt. syn. group, Anheuser-Busch, Inc, 69- Address: 2108 N. Geyer Rd, St. Louis, Mo. 63131.
- PROCTOR, PROF. GEORGE LOUIS. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- PROCTOR, DR. JOHN (HOWARD). Industrial Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 6151 Kellogg Dr, McLean, Va. 22101.
- PROCTOR, DR. ROBERT A. JR, b. Gadsden, Ala. July 22, 20; m. 45; c. 4. PSYCHOLOGY. A.B. Sanford, 48; M.S. Oklahoma, 49; Ed.D.(psychol), Temple, 60. Asst. prof. psychol, Howard Col, 49-53; East Baptist Col, 53-55; ASSOC. PROF. ED. PSYCHOL. SOUTH. BAPTIST THEOL. SEM, 60- Exam, Ala. Boys Indust. Sch, 51-53; Ell Litley fel, Illinois, 62-63; fel, Peabody Col, 69-70. Curriculum consult, exten. dept. South. Baptist Theol. Sem, 64-70. U.S.A.F. 42-46, Capt. Psychol. Asn. Human learning: concept development. Publ: Co-auth, Vital issues in religious education, 65 & auth, Too old to learn??? 68, Broadman. Address: Dept. of Psychology, Southern Baptist Seminary, 2825 Lexington Rd, Louisville, Ky. 40206.



- PROKASY, DEAN WILLIAM (FREDERICK), JR. Experimental Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also 68-, Social & Behavioral Science, University of Utah, 306 Park Bldg, Salt Lake City, Utah 84112.
- PROKOPOV, DR. GEORGE OGDEN, b. Middletown, N.Y. Nov. 3, 25; m. 68. INTERNATIONAL RELATIONS. B.A. Wisconsin, 47; M.A., Columbia, 49; Ph.D. (int. rels), London Sch. Econ. 58. For. lang. specialist. Cent. Intel. Agency, D.C. 49-50; res. writer, U.S. Info. Prog. Int. Broadcasting Div., U.S. Dept. State, 51-53; instr. polit. sci. & hist. Dutchess Community Col. 53; res. asst. world pop. studies, Pop. Ref. Bur., Inc. D.C. 60-65; res. analyst int. polit.-mil. affairs, Georgetown res. proj. div. Atlantic Res. Corp. D.C. 65-67; consult. ops. anal. off. Off. V-Chief of Staff, Hq. U.S. Air Force, 67; asst. prof. POLIT. SCI. & HIST., UPPER IOWA COL., 67-70, PROF. 70. Polit. Sci. Assn. United States foreign policy; Soviet foreign policy, especially the iron-curtain policy; Latin America; world population studies. Publ.: Co-auth. Population trends in the USSR, Pop. Bull. 10, 61; co-auth. & compiler, Population—vital rates, In: Britannica World Atlas International, 66. Address: Dept. of Political Science, Upper Iowa College, Fayette, Iowa 52142.
- PROPPER, DR. MARTIN M., b. Bronx, N.Y. Apr. 2, 40; m. 69; c. 1. PSYCHOLOGY. B.A., Williams Col. 61; M.S., St. John's, 65, fel. 66-67, Ph.D. (psychol), 68. Intern. psychol., Bellevue Psychiat. Hosp. 65-66; clin. psychologist, L.I. Consultation Center, 66-67; SCH. PSYCHOLOGIST, GREAT NECK PUB. SCHO., N.Y. 67-; STAFF PSYCHOLOGIST, PARK AVE. GUID. SERV., 68-; ad. instr., St. John's (N.Y.), 68-; Res. & Develop. Coun. Great Neck Pub. Schs. grant, 69-70. Consult. psychologist, Crime Prev. Bd. Off. Dist. Attorney, Queens, 68- Chmn., Queens County Cmt. Obscenity & Pornography, 68- Psychol. Assn. Alienation among adolescent and college populations: identification of factors in underachievement; programs for under-achievers; causal factors in the relationship of pornography and sex offenders. Publ.: Research on sexually oriented materials among young male prison offenders. Fed. Cmn. on Obscenity & Pornography, (in press); Alienation: another dimension of underachievement, J. Psychol. 70; Direct and projective assessment of alienation among affluent adolescent males, J. Proj. Tech. & Personality Assessment, 70; plus others. Address: 45 Hillpark Ave, Great Neck, N.Y. 11021.
- PROSCH, PROF. HARRY. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- PROSE, SISTER MARY REDEMPTRA, O.P. English, Psychology. See 5th ed, Dir. Am. Scholars, Vol. II, Eng., Speech & Drama.
- PROSI, DR. GERHARD, b. Ludwigsburg, Germany, Oct. 27, 35; m. 60; c. 2. POLITICAL ECONOMY. Dipl. Nuremberg, 62; Dr. rer. pol. (econ), Marburg, 65, Privatdozent, 69. Asst. Econ., Marburg, 62-67, lectr. 65-67; Ford Found. vis. fel., Princeton, 67-68, Relm Found. fel. & vis. lectr., 68-69; ASSOC. PROF. SOUTHERN METHODIST, 69-; Am. Econ. Assn. German Soc. Econ. & Soc. Sci., Industrial organization; economics of technical change; patents and copyrights; theory of economic policy; economics of pollution. Publ.: Technischer fortschritt als mikro-ökonomisches problem, Paul Haupt, Berne, 66; Der einfluss des autorenhonors auf den buchpreis, Zeitschrift Nationalökonomie, 70; Patentschutz bremsen den Fortschritt Zwangslagen fuer Entwicklungsland, Publik. 70. Address: Dept. of Economics, Southern Methodist University, Dallas, Tex. 75222.
- PROUDFOOT, DR. VINCENT BRUCE, b. Belfast, Ireland, Sept. 24, 30; m. 61; c. 2. GEOGRAPHY. B.A. Queen's (Belfast), 51, Ph.D. (geog. archaeol), 57. Res. fel. geog. pedology & archaeol, quaternary res. unit, Queen's (Belfast), 54-58, lectr. GEOG. 58-59; Durham, 59-67; assoc. prof. ALBERTA, 67-70, PROF. 70. Brit. Coun. vis. scholar, N.Germany, 60; Lister lectr. Brit. Assn. Adv. Sci. 64; vis. prof. Auckland & Commonwealth vis. fel., Australia, 66. Can. Assn. Geog. Inst. Brit. Geog. Inst. Prehist. Soc. Agricultural geography; regional planning; economic and community development; spatial aspects of agriculture and the rural economy in Alberta; relations between soils, land use and economic development; land use history. Publ.: Farms and fields in Northern Ireland, Agr. Progress, 60; The economy of the Irish Rath, Medieval Archaeol, 61 & Recent experiments in geomorphology, Geographia Polonica, 69. Address: Dept. of Geography, University of Alberta, Edmonton 7, Alta., Can.
- PROVIDENCIA (TOLAN), SISTER, F.C.S.P. b. Anacoana, Mont. Feb. 24, 09. SOCIOLOGY. B.A. Col. Great Falls, 45; M.A. Catholic Univ., 52; Gonzaga, summers, 47-50; California, Berkeley, 66. Instr. sociol. & soc. work, COL. GREAT FALLS, 49-50, PROF. SOCIOL., 52- Lectr. & training workshop participant, Missouri, Kansas City, 66-68. Consult. VISTA, Mont. Indian Reservations, 65-68; community action group, Off. Econ. Opportunity, Kansas City area, 68-69. Men. Great Falls Mayor's Nat. Indian Dec. 62-64, secy. to cmt. housing & relocation, 67-68; workshop staff alcoholism, Univ. Utah, 66-67; mem. State Task Force on Health Prof. of Poor, 70; del. at large, Bd. Mont. Acad. Sci., 70-72. Sociol. Assn.; Acad. Polit. & Soc. Sci. Leadership among reservation Indians; comparative studies of on and off-reservations; social changes in American sisters; Indian alcoholism; educational aspirations in Indian enclaves off the reservations. Publ.: Co-auth. City and reservation Indians, Soc. Order; auth. Pivot points in the poverty areas, Proc. Mont. Acad. Sci., 69. Address: College of Great Falls, Great Falls, Mont. 59401.
- PRUNTY, PROF. MERLE CHARLES, JR. Geography. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Alumni fund distinguished prof. 69-, Dept. of Geography, University of Georgia, Athens, Ga. 30602.
- PRYOR, DR. GORDON T (AYLOR), b. Los Angeles, Calif. Aug. 28, 33; m. 60; c. 3. PHYSIOLOGICAL PSYCHOLOGY. A.B. Long Beach State Col., 59; U.S. Pub. Health Serv. fel., California, Berkeley, 62-64, Ph.D. (psychol), 64. Nat. Sci. Found. fel. statist., California, Berkeley, 64; exp. psychologist, STANFORD RES. INST., 64-69, SR. PSYCHOLOGIST, 69- U.S.A.F. 52-56, S/Sgt. AAAS. Brain biochemistry and behavior; psychopharmacology; applied statistics; olfaction; psychogenetics. Publ.: Co-auth. Duration of chronic electroshock treatment in relation to brain weight, brain chemistry and behavior, J. Comp. Physiol. Psychol., 67; auth. Neurochemical differences between three pairs of rat strains differing in maze performance, Comp. Biochem. & Physiol., 68 & Postnatal development of CHE, AChE, AAD and MAO in C57BL/6 and DBA/2 mice, Life Sci., 68. Address: Stanford Research Institute, 333 Ravenswood, Menlo Park, Calif. 94025.
- PRYTULA, DR. ROBERT E (DWARD), b. Providence, R.I., Dec. 12, 38; m. 66; c. 1. EXPERIMENTAL & LEARNING PSYCHOLOGY. B.A., Murray State Col., 64; Nat. Inst. Ment. Health fel., Houston, 65-69, M.A. 66, Ph.D. (learning psychol), 69. ASST. PROF. PSYCHOL., MIDDLE TENN. STATE, 69- Faculty res. grant, 69-; consult., Tenn. State Dept. Corrections, 69- U.S.A.F. 56. Psychol. Assn. Animal and human learning with an interest in general psychology, behavioral modification and physiology. Publ.: Co-auth. Absolute sucrose incentive reduction: frustration or demotivation, Psychonomic Sci., 15: 249-250; Consequences of absolute and relative quantitative sucrose incentive reductions in the albino rat, 6/70 & Sucrose pellet incentive shifts in the double albino, 8/70, Psychol. Reports. Address: Dept. of Psychology, Middle Tennessee State University, Murfreesboro, Tenn. 37130.
- PUCKETT, DR. ROBERT HUGH. Political science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 68-, Dept. of Political Science, Indiana State University, Terre Haute, Ind. 47809.
- PUGLIESE, DR. DONATO (JOSEPH). Political science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Assoc. prof., Bur. Pub. Admin., Tennessee, 68-; assoc. with Memphis State Univ.-Univ. Tennessee grad. prog. pub. admin. Address: Bureau of Public Administration, University of Tennessee, 810 Broadway, Nashville, Tenn. 37203.
- PUMROY, DR. DONALD (KEITH). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-, College of Education, Dept. of Counseling & Personnel Service, University of Maryland, College Park, Md. 20742.
- PURCELL, PROF. JOSEPH CARROLL, b. Cleveland, Va. Feb. 5, 21; m. 55. AGRICULTURAL ECONOMICS, ECONOMICS. B.S., Va. Polytech, 48, M.S., 51; Ph.D. (agr. econ), Iowa State, 56. Agr. economist, U.S. Dept. Agr., 50-51; asst. prof. ECON., GEORGIA, 53-58, asst. prof., 58-60, PROF., 60-; Sears Roebuck Found. res. award, 61; mem. Nat. Res. Task Force, D.C. 64; Distinguished Faculty res. award, 69; Econ-in-Action summer fel., Case West. Reserv. 59. Consult. Ga. Milk Cmn. 55-68; mem. econ. panel, Milk Indust. Found. 68, U.S.A. 44-45. Agr. Econ. Assn. Economic research in agricultural production, marketing, demand and price analysis. Publ.: Analysis of consumer expenditures, 63 & Trends and relations in the livestock-meat sector, 68. Univ. Georgia; Quantity-income elasticities for food, J. Agr. Econ., 67. Address: 106 Summit Dr, Griffin, Ga. 30223.
- PURCELL, DR. WAYNE DOUGLAS, b. Spencer, Va. Dec. 13, 38; m. 60; c. 1. AGRICULTURAL ECONOMICS. B.S., Va. Polytech, 62, M.S. 64; Ph.D. (agr. econ), Mich. State, 67. Asst. prof. AGR. ECON., OKLA. STATE, 66-69; ASSOC. PROF., 69-; Agr. Econ. Assn. Systems analysis of marketing activities in the food and fiber industries with emphasis on the effectiveness of livestock and meat marketing systems as media of consumer-producer communication. Publ.: Effective communication in marketing: problems, alternatives, implications, Proc. Assn. South. Agr. Workers, 2/68; co-auth. Variable procedure in carcass grade and weight of slaughter beef: implications to Oklahoma cattle feeders, Okla. Agr. Exp. Sta. Bull., 8/69; auth. Marketing, price and the theory of communication, Am. J. Agr. Econ., 12-/69. Address: Dept. of Agricultural Economics, Oklahoma State University, Stillwater, Okla. 74074.
- PURKEY, DR. WILLIAM WATSON, b. Shenandoah, Va. Aug. 22, 29; m. 51; c. 2. EDUCATIONAL PSYCHOLOGY. B.S. Virginia, 37, M.Ed. 58, Ed.D. (ed. psychol), 64. Asst. prof. ED. PSYCHOL., FLORIDA, 64-67, ASSOC. PROF., 67- U.S.A.F. 51-55, T/Sgt. Psychol. Assn. Personality theory, particularly perception and self concept theory. Publ.: Self concept and school achievement, Prentice-Hall, 70. Address: 1503 N.W. 17th St, Gainesville, Fla. 32601.
- PURNELL, DR. RICHARD F., b. New York, N.Y. Apr. 19, 38; m. 61; c. 3. EDUCATIONAL PSYCHOLOGY. B.A. City Coll. New York, 63. Nat. Defense Ed. Act fel., Texas, 64-66, Ph.D. (ed. psychol), 66. Asst. prof. & res. assoc. ed. Harvard, 66-69; ASSOC. PROF. PSYCHOL. & COORDINATOR, OKLA. STATE, 69- U.S.A.F. 56-60. AAAS; Psychol. Assn. Ed. Res. Assn. Adolescent personality development; behavior modification in classroom; computer programming in behavioral sciences. Address: Dept. of Educational Psychology, Oklahoma State University, Stillwater, Okla. 74074.
- PURHIT, DR. (ARJUN) (PRASAD), b. Sambalpur, India, Dec. 23, 34; m. 58; c. 3. EXPERIMENTAL & CLINICAL PSYCHOLOGY. B.A. Utkal, India, 55; M.A. Patna, 57; Australian Commonwealth fel., Western Australia, 62-64, Ph.D. (psychol), 65. Lectr. psychol., Ravenshaw Col., India, 58-62; Nat. Res. Coun. Can. fel., Queen's (Ont.), 65-67; PSYCHOLOGIST, KINGSTON PSYCHIAT. HOSP. 67. Asst. prof., part-time, Queen's (Ont.), 67-; Assn. Adv. Behav. Ther. Can. Psychol. Assn. Personality theory; learning; behavior modification; semantic satiation. Publ.: Levels of introversion and competition paired-associate learning, J. Personality, 3/66, Personality variables, sex-difference, G.S.R. responsiveness and G.S.R. conditioning, J. Exp. Res. in Personality, 5/66 & Massed practice in pursuit rotor task and two factor theory of inhibition, J. Gen. Psychol., 2/68. Address: Kingston Psychiatric Hospital, Kingston, Ont., Can.
- PURSWELL, DR. JERRY L., b. Cleveland, Tex. Dec. 21, 35; m. 59; c. 3. INDUSTRIAL ENGINEERING. B.S. Lamar State Col., 59; M.S. Alabama, 61; Ph.D. (indust. eng.), Tex. Tech Univ., 67. Indust. eng., Procter & Gamble, Ohio, 61-62; stat. indust. engr., Collins Radio Co., Inc., 62-64, mgr. indust. eng., 64-65; ASST. PROF. INDUST. ENG., Texas, Arlington, 65; Arkansas, Fayetteville, 67-68; OKLAHOMA, 68- Human Factors Soc.; Inst. Indust. Eng.; Soc. Mech. Eng. Human performance in man-machine systems. Address: School of Industrial Engineering, Room 124, University of Oklahoma, 202 W. Boyd, Norman, Okla. 73069.

PUTH, DR. ROBERT C. b. Appleton, Wis. Apr. 27, 36; m. 60; c. 2. **ECONOMICS**. B.A. Carleton Col. 58; Standard Oil fel. Northwestern, 61, Lincoln Ed. Found. fel. 64, M.A. 65, Ph.D.(econ). 67. **ASST. PROF. ECON.** Earlham Col. 65-67; **NEW HAMPSHIRE**, 67- U.S.A. 58-59. **Econ. Asn.** Econ. Hist. Asn. History of Negro life insurance companies. Publ. The origins, development, and current situation of the Negro life insurance industry. Papers, 15th Annual Meeting of Bus. Hist. Conf. 68; Supreme life: the history of a Negro life insurance company, Bus. Hist. Rev. 69. Address: Dept. of Economics, Whittemore School Bldg., University of New Hampshire, Durham, N.H. 03824.

RYUN, DR. CHONG SOO. **Economics**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Economist, 68-, Federal Reserve Bank of Atlanta, Atlanta, Ga. 30303.

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QUADE, DEAN QUENTON L. b. Ft. Dodge, Iowa, Jan. 28, 33; m. 54; c. 5. **POLITICAL SCIENCE**. B.S. Creighton, 57; M.S. Notre Dame, 58, Ph.D.(poli). 65. Instr. polit. sci. St. Louis, 59-61; MARQUETTE, 61-63, asst. prof. 63-66, assoc. prof. 66-68, **PROF. POLIT. SCI.** & DEAN GRAD. SCH., 68- U.S.A. 7, 50-53, **Publ. Sci. Asn.** Comparative political institutions; political ethics. Publ. Chap. In: Conflict of loyalties, Pegasus, 68; co-auth. American politics: effective and responsible? Van Nostrand, 69; auth. U.S. and wars of national liberation, Coun. Relig. & Int. Affairs, 66. Address: Graduate School, Marquette University, 1210 W. Michigan, Milwaukee, Wis. 53233.

QUALLS, R. L. **Finance**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: V-pres, 69-, Bank of Mississippi, 201 Main St, Tupelo, Miss. 38801.

QUANCE, DR. CALVIN L. b. Fairfax, Okla. May 24, 35; m. 57; c. 4. **AGRICULTURAL ECONOMICS**. B.S. Okla. State, 58, M.S. 62; Ph.D.(agr. econ). Mich. State, 66. **AGR. ECONOMIST**, ECON. RES. SERV. U.S. DEPT. AGR. & OKLA. STATE UNIV., 66- Agr. Econ. Asn. Aggregate production adjustment in United States agriculture. Publ. Co-auth. Capital and management: potential supplies, present status and optimal allocation in North American agriculture, N.Am. Common Mkt. Iowa State Univ. 10/67; auth. Elasticities of production and resource earnings, J. Farm Econ. 12/67; co-auth. Possibility measures of aggregate supply elasticities: some new approaches, Am. J. Agr. Econ. 5/69. Address: Dept. of Agricultural Economics, Oklahoma State University, Stillwater, Okla. 74074.

QUANSTROM, DR. WALTER ROY. **Zoology, Animal Behavior**. See Suppl. V to 11th ed. Phys. & Biol. Vols.

QUATMAN, DR. GERALD L.(OUI). b. Dayton, Ohio, May 30, 35; m. 66; c. 1. **PSYCHOLOGY**. B.A. Dayton, 57; M.A. Louisville, 60; Ph.D.(psychol). Purdue, 63. From asst. prof. to ASSOC. PROF. PSYCHOL., XAVIER (OHIO), 62- U.S.A. 58-60, 1st Lt. Psychol. Asn. Personnel, consumer and industrial psychology; psychological statistics; surveying and sampling techniques; advertising effectiveness; employment of disadvantaged. Publ. Costs of library services, Purdue Libr. 62; Measures of advertising effectiveness, Purdue Univ. 63; co-auth. Ohio agency's new nose-count, Sponsor, 12/63. Address: 6156 Bayberry Dr., Cincinnati, Ohio 45242.

QUAY, PROF. HERBERT C. **Psychology**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Chmn., 68-, Division of Educational Psychology, Temple University, Philadelphia, Pa. 19122.

QUEAL, DR. RALPH WILLIAM, JR. **Psychology**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position: Develop. prog. mgr. aerospace group, Boeing Co. 69- Address: 7844 Southeast 72nd St, Mercer Island, Wash. 98040.

QUEEN, PROF. STUART A.(LFRED). **Sociology**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. Change of address: 2243 Smeria Ave, Belmont, Calif. 94002.

QUERY, DR. JOY M.(ARVES) (NEALE). **Social Psychology**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position: Prof. social. & chmn. dept. anthrop. & sociol., N.Dak. State, 69- Address: 1202 Oak St. N. Fargo, N.Dak. 58102.

QUEST, DR. LINDA GERBER. **Political Science**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position: Asst. prof. polit. sci., Pace Col. 69- Address: 169 Ninth St, Brooklyn, N.Y. 11215.

QUICK, DR. GEORGE S. b. Marion, Ohio, Sept. 13, 15; m. 40; c. 5. **ECONOMICS**. B.A. Michigan, 38, M.A. 39, Ph.D.(economics), 54. Gen. mgr. lumber mill. Breves Indust. Brazil, 57-68; ASSOC. PROF. ECON. & CHMN. DEPT. SLIPPERY ROCK STATE COL., 68- U.S.A. 42-67, Col. Econ. Asn. Economic development in Brazil; labor economics. Address: Dept. of Economics, Slippery Rock State College, Slippery Rock, Pa. 16057.

QUIGLEY, PROF. CARROLL. **History**. See 5th ed. Dir. Am. Scholars, Vol. I, Hist.

QUILLIAN, DR. M. ROSS, b. Los Angeles, Calif. July 6, 31; m. 67; c. 2. **PSYCHOLOGY, SOCIOLOGY**. M.A. Chicago, 60; Ph.D.(psychol), Carnegie-Mellon Univ. 66. SR. SCIENTIST, BOLT, BERANEK & NEWMAN, INC. 65- Publ. The teachable language comprehender: a simulation program and the time from semantic memory, J. Verbal Learning & Verbal Behav. 8: 240-247 & Capturing concepts in a semantic net, Associative Inf. Processing, 69. Address: Bolt, Beranek & Newman, Inc, 50 Moulton St, Cambridge, Mass. 02138.

QUINLAN, DR. CLAIRE A(GNES). **Psychology**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: V-pres. student affairs, dean div. soc. sci. & chmn. dept. psychol., 69-, Jamestown College, Jamestown, N.Dak. 58401.

QUINLAN, DR. DONALD MICHAEL, b. Milwaukee, Wis. Jan. 28, 42; m. 67; c. 1. **PSYCHOLOGY**. B.A. Fordham, 64; U.S.A. Pub. Health Serv. trainee, Yale, 64-67, Sterling fel. 67, Ph.D.(psychol), 68. Fel. dept. psychiat., YALE, 68-69, ASST. PROF. PSYCHOL., 69- Psychol. Asn. Clinical psychology: personality and perception. Publ. Co-auth. Psychological effects of rapid shifts of temporal reference, Studium Generale, 6/70. Address: Dept. of Psychology, Yale University, 333 Cedar St, New Haven, Conn. 06510.

QUINN, GARRY L. b. Boston, Mass. Aug. 27, 35; div; c. 3. **POLITICAL SCIENCE**. S.B. Mass. Inst. Tech. 56 & 57; Stanford, 65-66. Jr. mgt. intern prof. U.S. Atomic Energy Cmn. 57-58, safeguards policy analyst, 59-62, reactor physicist, Hanford Oper. Off. 58-59, staff asst. Off. Asst. Secy. Def. 62-65; prog. mgr. soc. & behav. sci. & sys. OVERSEAS DEFENSE RES. PROJ. ADV. RES. PROJ. AGENCY, 66-69, PROG. MGR. POP. RESOURCES, RES. & DEVELOP. CENTER, THAILAND, 69- Fel. Nat. Inst. Pub. Affairs, 66- Asn. Asian Studies. Conflict resolution; program impact evaluation; psychological warfare; revolution; political development; strategy, international relations; verification. Publ. Co-auth. Technical problems of arms control, Inst. Int. Order, 60. Address: Office of Secretary of Defense, Advanced Research Projects Agency, Research & Development Center, APO San Francisco 96346.

QUINN, PROF. JAMES A.(LFRED). **Sociology**. See 11th ed. Soc. & Behav. Vols. deceased 69.

QUINNEY, DR. DEAN N. **Forestry, Economics**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position: Asst. dir. 69-, Southeastern Forest Experiment Station, U.S. Forest Service, P.O. Box 2570, Asheville, N.C. 28802.

QUINT, JULES V(CTOR). **Statistics**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New information: Retired, Metrop. Life Ins. Co. 69; consult. bur. community environ. mgt. U.S. Dept. Health, Ed. & Welfare, 69-; mem. adv. panel, Nat. Center Health Stat. 68- Address: 7 Lark Lane, Norwalk, Conn. 06851.

QUINTON, DR. JOHN D(AMON). **Industrial Psychology, Counseling**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position: Pres. John D. Quinton & Assocs., 68- Address: 2134 Cartwright Rd, Missouri City, Tex. 77459.

QUIRK, PROF. JAMES P. b. St. Paul, Minn. Nov. 27, 26; m. 42; c. 6. **ECONOMICS**. B.B.A. Minnesota, 48, M.A. 49, Ph.D.(econ). 59. Asst. prof. ECON. Purdue, 63-66, assoc. prof. 63-66; **PROF. KANSAS**, 66- Ford Found. faculty fel. 63-64; Nat. Sci. Found. fells. correspondence principle & qual. stability, 66-69. U.S.N. 44-46. **Economet. Soc.** Econ. Asn. Qualitative economics; comparative statistics; welfare economics. Publ. Co-auth. Introduction to general equilibrium theory and welfare economics, McGraw, 68 & Papers in quantitative economics, Univ. Kansas, 69. Address: Dept. of Economics, University of Kansas, Lawrence, Kans. 66044.

QUIREISHI, A. SALAM. **Statistics, Operations Research**. See Suppl. V to 11th ed. Phys. & Biol. Vols.

## R

RABAGO, PROF. ALBERTO. **Classical Languages, Philosophy**. See 5th ed. Dir. Am. Scholars, Vol. III, For. Lang. Ling. & Philol.

RABE, DR. AUSMA. **Physiological Psychology, Neuropsychology**. See Suppl. V to 11th ed. Phys. & Biol. Vols.

RABIDEAU, DR. GERALD FRANCIS. **Psychology, Human Factors**. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Sr. mem. tech. staff, 69-, Bunker-Ramo Corp, Canoga Park, Calif. 91304.

RABIN, DR. MORTON HERBERT, b. Brooklyn, N.Y. Jan. 29, 26; m. 54; c. 3. **PSYCHOLOGY**. B.A. N.Y. Univ. 48, M.A. Columbia, 51, Nat. Insts. Ment. Health fel. Phil. State, 61-63, Ph.D.(psychol), 68. Instr. PSYCHOL., SOUTHERN MISSISSIPPI, 58-59, asst. prof. 59-68, ASSOC. PROF., 69- U.S.A. 44-46, Sgt. Psychol. Asn. School and developmental psychology; behavior modification; psycho educational assessment. Address: Dept. of Psychology, University of Southern Mississippi, Hattiesburg, Miss. 39401.

RABINOVITZ, DR. FRANCES FISCHER, b. New York, N.Y. Jan. 16, 41; m. 61; c. 2. **POLITICAL SCIENCE**. B.A. Cornell, 61; Woodrow Wilson fel. Mass. Inst. Tech. 61-62, Nat. Defense Ed. Act fel. 62-65, Ph.D.(polit. sci.), 65. Res. assoc. **POLIT. SCI.** urban studies center, Rutgers, 63-65, lectr. Douglass Col. 65-66; asst. prof. & res. assoc. Center Latin Am. Studies, Florida, 66-68; ASST. PROF. CALIFORNIA, LOS ANGELES, 68- Summer res. asst. Harvard-Mass. Inst. Tech. joint center urban studies, 63. Consult. Inst. Pub. Admin. 65-; Off. Asst. Secy. Metrop. Develop. Dept. Housing & Urban Develop. 66. **Polit. Sci. Asn.** Latin Am. Studies Asn. American urban politics; city planning; comparative international urban politics, particularly in Latin America. Publ. Co-auth. Latin American political systems in an urban setting, Univ. Florida, 67 & Urban government in Stockholm, Praeger, 69; auth. City politics and planning, Atherton, 69. Address: Dept. of Political Science, University of California, Los Angeles, Calif. 90024.

RABINOWITZ, DR. VICTOR. **Zoology, International Relations**. See 12th ed. Phys. & Biol. Vols.

RABUSHKA, DR. ALVIN, b. St. Louis, Mo. May 15, 40; m. 63; c. 1. **POLITICAL SCIENCE**. B.A. Washington (St. Louis), 62, M.A. 66, Ph.D.(polit. sci.), 68; Hong Kong, 63. ASST. PROF. **POLIT. SCI.** ROCHESTER, 68- **Polit. Sci. Asn.** Asn. Asian Studies. Malaysian politics; comparative ethnic politics.



- Publ. Integration in a multi-racial institution, *Race*, 7/69, A note on overseas Chinese political participation in urban Malaya, *Am. Polit. Sci. Rev.*, 3/70 & The manipulation of ethnic politics in Malaya, *Polity*, spring 70. Address: Dept. of Political Science, University of Rochester, Rochester, N.Y. 14627.
- RACHLIN, CAROL (KING). Anthropology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Artist-in writing, *Cent. State College*, 68- Address: Southwest Research Association, 2908 N. Harvey Pkwy, Oklahoma City, Okla. 73103.
- RACHLIN, DR. HOWARD (CARL). Experimental Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69-., Dept. of Psychology, State University of New York at Stony Brook, Stony Brook, N.Y. 11790.
- RACKAUSKAS, DR. CONSTANTINE R. Government. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-., Dept. of Political Science, Fordham University, Rose Hill Campus, Bronx, N.Y. 10458.
- RACUSEN, DR. FRANCES (RHEA). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Acting chief psychologist, *Vel. Admin. West Side Hosp.*, Chicago, 69-., assoc. prof. psychol. dept. psychiat. med. sch., Illinois. Address: 4180 Marine Dr, Chicago, Ill. 60613.
- RADELL, DR. DAVID, b. Philadelphia, Pa, Mar. 23, 38. GEOGRAPHY. URBAN STUDIES. B.A. Calif. State Col. Los Angeles, 59, M.A., 61; Ph.D. (geog). California, Berkeley, 69. ASST. PROF. GEOG. CALIF. STATE COL. LOS ANGELES, 66-; AAAS: Asn. Am. Geog. Urban geography: Geography of Nicaragua. Address: Dept. of Geography, California State College at Los Angeles, 5151 State College Dr, Los Angeles, Calif. 90032.
- RADFORD, DR. KATHERINE (CHAMBERLIN), b. Louisville, Ky. Feb. 17, 11; m. 29; c. 2. PSYCHOLOGY. EDUCATION. B.A., Lynchburg Col. 53; M.A., Duke, 60; B.S. Richmond Pknl. inst., 61; Nat. Insts. Health fel, Fed. State, 62-63; Ed.D. (ed. psychol.), Virginia, 67. Psychologist, Lynchburg Pub. Schs, Va. 60-62; asst. prof. psychol. LYNCHBURG COL., 65-67, ASSOC. PROF. PSYCHOL. & ED. 67- Psychol. Asn. Psychometrics; test construction. Address: Dept. of Psychology & Education, Lynchburg College, Lynchburg, Va. 24504.
- RADLOW, DR. ROBERT. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. 68-., Dept. of Psychology, San Diego State College, San Diego, Calif. 92115.
- RADTKE, DR. WILLIAM L(OUIS), b. Rochester, N.Y. Sept. 20, 25; m. 50. PSYCHOLOGY. A.B. California, 49; M.A., Florida, 51; cert. clin. psychol. State Univ. N.Y. 52; Ph.D. (psychol.), Duquesne, 68. Psychologist & guid. dir., Anderson Sch., 52-55; counselor, guid. center, Miami, 55-58; instr. math. & behav. sci., Manatee Jr. Col., 59-61; psychol., Santa Rosa Jr. Col., 61-64; West. Psychol. Inst. & Clin., Pittsburgh, 65-67; res. psychologist, Psychol. Serv. Pittsburgh, 66-68; staff med. psychologist, Gendy Porter Neuropsychiat. inst., 68-69; ASST. PROF. PSYCHOL. inst. on aging, South Florida, 69-70; HAWAII, HILO, 70-84, 43-46. Psychol. Asn. Soc. Proj. Tech. & Personality Assessment; Soc. Phenomenology & Existential Philos. Psychological development in the adult years; multivariate research methods. Address: Dept. of Psychology, University of Hawaii, 333 W. Lanikaula, Hilo, Hawaii 96720.
- RADUS, DR. LIBBY, b. New York, N.Y. Jan. 23, 14. SPEECH PATHOLOGY, PSYCHOLOGY. B.A. Denver, 50, M.A., 51; Ph.D. (speech path. psychol.), Florida, 65. Admin. asst. speech path. children's speech clin., Univ. Denver, 47-50, supt., 50-51, exec. asst., 51-52; dir. & speech pathologist, Hampton Roads Speech & Hearing Center, 52-63, 65-68; HEAD SPEECH PATH. & AUDIOL. DEPT., RIVERSIDE HOSP., 68- W.A.C., 43-46, Capt. Speech & Hearing Asn. Aphasia. Publ. Implications for language retraining in theory of disengagement and motivation, *J. Speech & Hearing Asn.*, Va., spring 66. Address: Speech Pathology & Audiology Dept., Riverside Hospital, J. Clyde Morris Blvd, Newport News, Va. 23601.
- RAFELD, DR. FREDERICK J(AMES), b. Ashland, Ohio, Feb. 1, 40; m. 60; c. 2. AGRICULTURAL ECONOMICS, ECONOMICS. B.S., Ohio State, 62, M.S. 65, Ph.D. (agr. econ.), 68. Agr. economist, U.S. Dept. Agr., 62-68; ASST. PROF. AGR. ECON. LA. STATE, BATON ROUGE, 68- Agr. Econ. Asn. Econ. Asn. Linear programming analysis of farm adjustments; analysis of influence of attitudes, goals, management ability and growth strategies on farm firm growth; dairy farm adjustments. Publ. Co-auth., Economic evaluation of actual and optimal adjustments in resource use on 160 acre farms in west central Ohio, 1956-1959, 64. Farmers' responses to the feed grain program in the Ohio corn belt area, 67 & Actual and optimal adjustments on 320 acre farms in west central Ohio, 1957-1959, 67, Ohio Agr. Res. & Develop. Center. Address: Dept. of Agricultural Economics, Louisiana State University, Baton Rouge, La. 70803.
- RAFTIS, J. AMBROSE, C.S.B. Medieval & Modern Social History. See 5th ed, *Dir. Am. Scholars*, Vol. I, Hist.
- RAGLAND, PROF. G(EOERGE) R(UFUS), b. Oklahoma City, Okla., May 16, 16; m. 66; c. 2. SOCIOLOGY. B.S. Langston, 38; M.A. State Univ. Iowa, 39, Ph.D. (sociol.), 53, Supt. Deaf, Blind & Orphan's Home, Taft, Okla., 41-45; instr. sociol., Southern Univ., 45-46; head dept. soc. sci., Tex. Col., 46-48; prof. soc. sci. & head dept., 54-55; instr. SOCIOL. State Univ. Iowa, 49-53; head dept. Ala. Agr. & Mech. Col., 53-54; PROF. & HEAD DEPT. PRAIRIE VIEW AGR. & MECH. COL. 55- Sociol. Soc. Minorities; delinquency. Address: Dept. of Sociology, Prairie View Agricultural & Mechanical College, Prairie View, Tex. 77445.
- RAGSDALE, DR. RONALD GENE. Educational Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Computer Applications, Ontario Institute for Studies in Education, 252 Bloor St. W., Toronto 5, Ont., Can.
- RAHE, DR. RICHARD HENRY, b. Seattle, Wash., May 28, 36; m. 60; c. 2. PSYCHIATRY. Princeton, 54-57; M.D. Washington (Seattle), 61. Med. intern, Internal med., Bellevue Second Med. Div., New York, N.Y., 61-62; resident psychiatrist, Washington (Seattle), 62-64, chief resident, 64-65; res. psychiatrist, U.S. Navy Med. Neuropsychiat. Res. Unit, San Diego, Calif., 65-68; Nat. Inst. Mental Health fel, neurocardiac, Serafini Hosp. & Karolinska Inst., Stockholm, Sweden, 68-69; CHIEF FLEET PROBS. & BIOCHEM. CORRELATES OF STRESS, U.S. NAVY MED. NEUROPSYCHIAT. RES. UNIT, SAN DIEGO, 69- Med. C.S.U.N.N.R. 65-., Comdr. AAAS: Psychosom. Soc.; N.Y. Acad. Sci. Psychosomatic medicine; analyses of life patterns of persons prior to recognition of illness; analyses of body physiology in response to psychological and physical stress. Publ. An unusual cardiac (ventricular) arrhythmia in a child: psychiatric and psychophysiological aspects, *Psychosom. Med.*, 66; Serum uric acid and cholesterol variability, *J. Am. Med. Asn.*, 68; Life crisis and health change, *Int. J. Psychotropic drug response: advances in prediction*, C.C. Thomas, 69. Address: 4975 Ocean Blvd, San Diego, Calif. 92109.
- RAIA, DR. ANTHONY P., b. Clifton, N.J., May 24, 28; m. 62; c. 2. MANAGEMENT, BEHAVIORAL SCIENCE. B.S. Columbia, 56; M.B.A. California, Los Angeles, 60, Ph.D. (mgmt. behav. sci.), 63. V.pres. electronics, Progressive Electronics Co., 56-58; asst. prof. MGT, Maryland, 63-65; ASSOC. PROF. Miami (Fla.), 65-69; GRAD. SCH. ADMIN., CALIFORNIA, LOS ANGELES, 69- Consult. Porex Corp., 62-64; Vitro Labs, Inc., 64-68; Stanford Res. Inst., 66-67; South. Bell Tel. Co., 66-; Palm Beach County Sch. Syst., 68- U.S.A.F., 51-53; Air Nat. Guard, 53-64, Capt. Acad. Mgt. Management development; organizational growth and development; systems analysis. Publ. Goal-setting and goal control: an empirical study, *J. Mgt. Studies*, 2/65; Educational value of management games, *J. Bus.*, 7/66; Scientists, engineers, and technological obsolescence, *Calif. Mgt. Rev.*, winter 67. Address: 313 18th St., Manhattan Beach, Calif. 90266.
- RAINE, DR. JESSE (EMERSON), b. Ft. Knox, Ky., Feb. 12, 37; m. 59; c. 3. ECONOMICS, STATISTICS. B.S. Kentucky, 61, Nat. Defense Ed. Act grant, & M.S. 63, Nat. Sci. Found. grant & Ph.D. (econ), 66. Instr. soc. sci., Middle Tenn. State, 63-66, asst. prof. econ., 66-67, ASSOC. PROF., 67-68; STATIST., TULSA, 68- Econ. Asn., INST. Decision Sci. Real property taxation; inventory control. Address: Dept. of Economics, University of Tulsa, Tulsa, Okla. 74135.
- RAINEY, DR. GENE EDWARD. Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. & head dept., University of North Carolina at Asheville, Asheville, N.C. 28801.
- RAINVILLE, DR. JEAN MARIE, b. St. Felix de Valois, Que., June 13, 34; m. 62; c. 1. M.A. Montreal, 60, D.Sociol., Sorbonne, 65. Researcher, J.C. LaHaye Planning Consult., 61-63, chief dept. urban renewal, 65-66; ASST. PROF. SOCIOL. ORGN. & ADMIN. doctoral studies, Paris, 66-67; MONTREAL, 67- Can. Soc. Sociol. & Anthropol. Urban community; sociology of organizations and administration. Publ. Condition ouvrière et integration sociale, Editions Ouvrières, 68. Address: Dept. of Industrial Relations, University of Montreal, Montreal, Que., Can.
- RAINWATER, PROF. LEE. Sociology, Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. social, 69-., Dept. of Social Relations, Harvard University, William James Hall, Cambridge, Mass. 02138.
- RAJENDER, PROF. GANDI R., b. Madras, India, June 10, 15; m. 46; c. 2. MANAGEMENT, DECISION SCIENCES. B.S. Madras, 36; M.S. Wyoming, 62, Ph.D. (ed), 67. Supt. Govt. Madras, 37-42; commandant, spec. police battalion, Govt. Madras & Andhra, 47-60; res. assoc. bus. & econ., Wyoming, 65-67; assoc. prof. mgt. & finance, ST. CLOUD STATE COL., 67-68, PROF. MGT. & FINANCE & DIR. BUR. BUS. RES. 68- Mgt. consult., Consult. & Bus. Res. Inc., 70- Indian Army, 42-47, Capt. INST. Decision Sci.; Acad. Mgt. Business and economic research, especially the decision-making process. Publ. Study of the resources, people, and economy of Teton County, 67 & co-auth., Traveler attitude toward highway billboard advertising, 69, Univ. Wyoming. Address: Bureau of Business Research, St. Cloud State College, St. Cloud, Minn. 56301.
- RALLINGS, DR. E(LISHA) M(ONROE), b. Pageland, S.C., Feb. 10, 24; m. 47; c. 4. SOCIOLOGY, SOCIAL PSYCHOLOGY. B.S. Clemson, 49, M.S. 50, Ph.D. (sociol.), Fla. State, 64. Temporary assoc. prof. agron., Clemson, 50-52; teacher, high sch., S.C., 52-60; ASST. PROF. SOCIOL., Miss. State, 64-66; NORTH CAROLINA, GREENSBORO, 66- U.S.A., 43-47, 5/sgt. Social Asn.; Asn. Marriage Couns.; Nat. Coun. Family Rel. Research in the areas of marriage, the family and the small group, especially attitudes, values and conceptual framework for a conceptual framework for studying the family: the situational approach, *Macmillan*, Problems of those who marry too young-too soon, *Miss. Ed. Adv.* & Family situations of married and never-married males, *J. Marriage & the Family*, 66. Address: Dept. of Sociology, University of North Carolina, Greensboro, N.C. 27412.
- RALSTON, DR. NANCY CAROLINE, b. Indianapolis, Ind., June 2, 31. PSYCHOLOGY, EDUCATION. A.B. DePauw, 53; M.S. Indiana, 54, Ph.D. (counseling psychol.), 61. Asst. dean women, Miami (Ohio), 54-55, asst. dir. counseling bur., 55-56; exam. psychol. testing, pub. schs., Ohio, 57-61; asst. prof. ED. PSYCHOL. CINCINNATI, 61-64, ASSOC. PROF., 64- Psychol. Asn. Child and adolescent psychology; evaluation and measurement. Address: Dept. of Psychology, University of Cincinnati, Cincinnati, Ohio 45221.
- RAMAMOORTHY, DR. CHITTOOR V. Computer Sciences, Electrical Engineering. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- RAMER, DR. JOHN (CARL). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69-., Dept. of Psychology, Indiana State University, Terre Haute, Ind. 47807.
- RAMEY, DR. JAMES W. Communication, Administration. See Suppl. V to 11th ed, Phys. & Biol. Vols.

- RAMNENI, DR. AYYANNA, b. Brahmanakodur, Andhra, India, Oct. 12, 29; m. 66; c. 2. **ECONOMICS.** B.Sc. Andhra, India, 50; M.Sc. Banaras Hindu Univ., 53; M.A. Minnesota, Minneapolis, 57; Ph.D.(econ), 66. Instr. financial math, Minnesota, Minneapolis, 61-64; ASST. PROF. econ, Northland Col., 64-67; **ECON. & FINANCE, XAVIER (OHIO), 67.** Econ. Asst.; Statist. Asn. Corporate financing and capital budgeting. Address: Dept. of Economics, Xavier University, Cincinnati, Ohio 45207.
- RAMIREZ, DR. ALBERT, b. Houston, Tex. Nov. 15, 36; m. 66; c. 1. **SOCIAL PSYCHOLOGY.** B.A. Houston, 61, M.A., 64, Ph.D.(psychol), 66. ASST. PROF. COMMUNITY DENT, SCH. DENT. & PSYCHOL, COL. GEN. STUDIES, ALABAMA, BIRMINGHAM, 66. U.S.A. 55-57. Pub. Health Asn; Psychol. Asn; Soc. Psychol. Study Social Issues. Educational research and evaluation; techniques of dental health education, particularly within the framework of dentist-patient relationship. Publ: Co-auth. use of simulated experiences in teaching community dentistry, *J. Dent. Ed.*, 31: 521-527. Prevention for dental health: its relationship to the values of the individual, *J. Pub. Health Dent. Vol.* 29, No. 2 & Student dental health program of the University of Alabama at Birmingham. *Int. Socioeconomic similarities and perceptual differences between two groups of nursing students.* *J. Am. Col. Health Asn.*, 17: 383-388. Address: Dept. of Dentistry, University of Alabama School of Dentistry, 1919 Seventh Ave. S., Birmingham, Ala. 35233.
- RAMNATH, DR. RUDRAPATHA V. Aerospace Sciences, Applied Mathematics. See Suppl. VI to 11th ed. Phys. & Biol. Vols.
- RAMOS AVELLO, PROF. OSCAR b. Havana, Cuba, Sept. 14, 12; U.S. citizen; m. 43; c. 2. **ECONOMICS, SPANISH.** B.S. Inst. Havana, 29; Ph.D.(econ, polit. sci) & license in diplomatic & consular law, Havana, 44, Ph.D.(law), 50; summer, Harvard, 53; M.A., South Carolina, 67. Prof. econ, fiscal policy & pub. finance, Villanueva, 51-60; assoc. res. prof. econ. law sch, Miami, 61-62; assoc. prof. econ, Spanish & acct, Benedict Col., 62-67; Spanish Inst. Ht. Newberry Col., 67-68; PROF. ECON. & INT. ACCT. ALLEN, 68. Staff mem., Tax Reform Cmt. of Cuban Govt, 59-60; Cuban Econ. Plan. Cmn., 61; participant, Nat. Sci. Found. Summer Inst. Econ. Teachers, Univ. South Carolina, 67, 70. Am. Asn. Teachers Spanish & Portuguese; Modern Lang. Asn. Am.; Tax Inst. Am.; Am. Acct. Asn.; Am. Econ. Asn.; Cuban Econ. Asn. in Exile; Cuban Cert. Pub. Acct. Asn. in Exile. Latin American investment companies. Address: 25 B Woodland Terr, Columbia, S.C. 29205.
- RAMRAS, EUGENE MURRAY, b. Hartford, Conn. June 17, 26; m. 52; c. 3. **PSYCHOLOGY.** B.A. Brooklyn Col., 49; M.A., Columbia, 50. Res. psychologist, Naval Personnel Res. Lab., 51-56, br. head, occup. & orgn. res. br., Naval Personnel Res. & Develop. Lab., 56-58, dir. ord. weapons sys. div., Naval Personnel Res. Lab., 58-61, asst. br. head, new develop. res. br., Bur. Naval Personnel, 61-64, dir. man/machine sys. res. dept., NAVAL PERSONNEL RES. & DEVELOP. LAB., 64-67, TECH. DIR., 67. Secy, Navy Study Group Manpower Mgt. Sys., 62; mem., Navy Lab. Adv. Tech. Objectives Working Group, 68. Consult. personnel & training res. to dep. chief Naval Ops., 62-64. Mem., Intra-Navy Cmt. Submarine Habitability Res. & Develop., 61-65. U.S.A.F. 45-47, A.A.S. Psychol. Asn.; Human Factors Soc.; Inst. Elec. & Electronic Eng.; Personnel & Guid. Asn. Man machine systems; human factors research; personnel research; manpower studies. Address: 14731 Myer Terr, Rockville, Md. 20853.
- RAMSETT, DR. DAVID E, b. Viroqua, Wis. May 12, 42; m. 62; c. 2. **ECONOMICS.** B.A., Luther Col. (Iowa), 65; M.A., Oklahoma, 67, Ph.D.(econ), 68. Asst. prof. ECON, Northern Iowa, 68-70; ASSOC. PROF., NORTH DAKOTA, 70-U.S.A., 61-62. Econ. Asn. Role of economic integration as a mechanism to further the growth and development of less developed economies with emphasis toward Central America. Publ: Regional industrial development in Central America, Praeger, 69. Address: Dept. of Economics, University of North Dakota, Grand Forks, N.Dak. 58202.
- RAMSEY, DR. DIANE M. Psychology. See RAMSEY-KLEE, DR. DIANE M, this Suppl.
- RAMSEY, DR. JOHN, b. Monticello, Ark. Dec. 7, 30; m. 61; c. 2. **POLITICAL SCIENCE.** B.S. Ark. Agr. & Mech. Col., 51; M.A., Arkansas, 53; Ph.D.(polit. sci), Missouri, 67. Teacher, high sch, Mo, 55-60; instr. POLIT. SCI. Missouri, 60-63; Wake Forest, 63-64; asst. prof. OLD DOMINION, 64-68; ASSOC. PROF., 68-U.S.A., 63-65. Polit. Sci. Asn. Role of the director of the Bureau of the Budget as an aide to the President. Address: Dept. of Political Science, Old Dominion University, Norfolk, Va. 23508.
- RAMSEY-KLEE, DR. DIANE M, b. Duluth, Minn. Nov. 6, 28; m. 68. **PSYCHOLOGY.** B.A. Minnesota, 50, M.A., 54, Off. Naval Res. fel, 55-58, Ph.D. 58. Asst. psychol. Minnesota, 52-54; admin. asst. Am. Psychol. Asn., 54-55; res. psychologist, U.S. Govt. D.C., 58-62; sr. scientist, astropower lab., Douglas Aircraft Co., 63-67; res. psychologist, Reiss-Davis Child Study Center, 67-69; DIR., R-K RES. & SYST. DESIGN, 69. Instr. eve. exten. Univ. Virginia, 61-62. Consult. div. state merit sys. off. field admin. Dept. Health, Ed. & Welfare, 64; spec. res. resources br. div. res. facilities & resources, Nat. Inst. Health, 65; health sci. comput. facility, center health sci., California, Los Angeles, 66-67; div. res. Reiss-Davis Child Study Center, 66-67; Nat. Center Health Serv. Res. & Develop. AAAS; Psychol. Asn; Asn. Comput. Mach; Soc. Info. Sci. Experimental design; information storage and retrieval; research methodology; psychological measurement and evaluation; test theory; multivariate analysis; system analysis and programming for electronic computers; artificial intelligence; neural modeling; pattern recognition. Publ: Ed. Molecular coding problems, *N.Y. Acad. Sci.*, 67 & Image processing in biological science, Univ. California, 68; co-auth. Perceptrons as models of neural processes, *Int. Computers in biomedical research*, Vol. 1, Academic, 65. Address: R-K Research & System Design, 3947 Ridgmont Dr, Malibu, Calif. 90265.
- RANALD, DR. RALPH ARTHUR. English & American Literature. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- RANDALL, PROF. DUNCAN P(ETER). Geography. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. & chmn., 68-, Dept. of Geography, University of North Carolina at Wilmington, P.O. Box 3275, Wilmington, N.C. 28401.
- RANDLES, DR. RONALD HERMAN. Statistics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- RANKIN, DR. C(ARL) E(MMETT). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Retired, 69. Address: 302 D Forest Park Dr, Charlotte, N.C. 28209.
- RANKIN, PROF. EARL F(REDERICK), JR. Educational Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. ed. & coordinator reading studies, 68-, College of Education, University of Kentucky, Lexington, Ky. 40506.
- RANSFORD, DR. H. EDWARD. Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 69-, Dept. of Sociology, University of Southern California, Los Angeles, Calif. 90007.
- RANSOM, DR. ROGER L, b. Berkeley, Calif. Sept. 5, 38; m. 60; c. 2. **ECONOMICS, ECONOMIC HISTORY.** B.A. Reed Col., 59; Ph.D.(econ), Washington (Seattle), 63. Asst. prof. ECON. Washington (Seattle), 63; Virginia, 63-67; lectr. California, Berkeley, 67-68; ASSOC. PROF., CALIFORNIA, RIVERSIDE, 68. Econ. Asn; Econ. Hist. Asn; Brit. Econ. Hist. Soc. Publ. Canals and economic development—a discussion of the issues, *Am. Econ. Rev.* 64, Interregional canals and economic specialization in the antebellum United States, *Explor. Entrepreneurial Hist.*, 68 & Social returns from public investment—a case study of the Ohio Canal, *J. Polit. Econ.*, 70. Address: Dept. of Economics, University of California, Riverside, Calif. 92502.
- RAO, DR. AMBAR G, b. Calcutta, India, Dec. 1, 37; m. 68. **MANAGEMENT SCIENCE, OPERATIONS RESEARCH.** B.S. Indian Inst. Tech., 55; M.S., Case Inst. Tech., 64; Ph.D.(opers. res.), Pennsylvania, 67. Res. asst. opers. res., Case Inst. Tech., 63-64; res. fel. mgt. sci. center, Pennsylvania, 64-66; res. assoc. Mobil Oil Corp., 66-69; ASST. PROF. OPERS. RES., N.Y. UNIV., 67-Dir., OR-MS Dialogue Inc., 69- Consult. Mobil Oil Co., 69, Schlitz Brewing Co., 69- Opers. Res. Soc. Am.; Inst. Mgt. Sci.; Asn. Comput. Mach. Quantitative applications in areas where human behavior plays an important role; statistical analysis, particularly forecasting. Publ: Quantitative theories in advertising, Wiley, 70; co-auth. Adaptive smoothing with evolutionary spectra, *Mgt. Sci.*, 70. Address: 110 Bleeker St, Apt. 11-A, New York, N.Y. 10012.
- RAO, DR. ASHOK, b. Shillong, India, Feb. 13, 42. **MANAGEMENT SCIENCE, STATISTICS.** B.Tech.(hons), Indian Inst. Tech. Kharagpur, 63; M.S. Iowa, 64, Ph.D.(indust. eng.), 68. Res. asst. indust. eng. Iowa, 64-66; instr., 67-68; sr. sys. analyst, Leeds & Northrup Co., Pa., 68-87; ASST. PROF. MGT. RENNELAER POLYTECH, 68- Opers. Res. Soc. Am.; Statist. Asn. Practical applications of integer programming problems, particularly the areas of airline flight scheduling and machine sequencing. Address: Dept. of Management, Rensselaer Polytechnic Institute, Troy, N.Y. 12181.
- RAO, DR. B. RAJA. Mathematical Statistics, Biometry. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- RAO, PROF. J(ONNAGADDA) N(ALINI) K(ANTH). Statistics, Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-, Dept. of Statistics, University of Manitoba, Winnipeg, Man. Can.
- RAO, DR. MENDU RAMMOHAN, b. Madras, India, Aug. 6, 41. **BUSINESS ADMINISTRATION, OPERATIONS RESEARCH.** B.E. Madras, 62; M.E., Cornell, 64; Ph.D.(indust. admin), Carnegie-Mellon Univ., 68. Assoc. res. engr., appl. res. lab., U.S. Steel Corp., 64-68; Int. Center Mgt. Sci. fel, center, Opers. Res. & Econom., Louvain, Belgium, 68-69; ASST. PROF. PROD. & QUANT. METHODS, ROCHESTER, 69- Opers. Res. Soc. Am.; Inst. Mgt. Sci. Large scale linear programming; network analysis combinatorial problems; integer programming and warehousing models. Publ: Co-auth. Finding a cycle in a graph with minimum cost to time ratio with application to a ship routing problem & All shortest routes from a fixed origin in a graph, *Int. Theory of graphs, Proc. Int. Symp. Rome*, 66 & Allocation of transportation units to alternative trips—a column generation scheme with out of kilter sub-problems, *Opers. Res.*, 1&2/68. Address: Graduate School of Management, University of Rochester, Rochester, N.Y. 14627.
- RAO, DR. PODURI S. R. S. Mathematics, Statistics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- RAOUF, PROF. ABDUL. Industrial Engineering. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- RAPER, DR. ARTHUR F(RANKLIN). Sociology, Rural Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New publ: Rural development in action: the comprehensive experiment at Comilla, East Pakistan, Cornell Univ., 70. Address: Slope Oaks, 10801 Miller Rd, Oakton, Va. 22124.
- RAPHAEL, DR. C. NICHOLAS. Geography, Geomorphology. See 12th ed, Phys. & Biol. Vols.
- RAPIN, DR. ISABELLE (MRS. HAROLD OAKLANDER). Neurology, Pediatric Neurology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- RAPKIN, DR. MAURICE. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Consult. Los Angeles Psychol. Serv. Center, 70- Address: 10480 Santa Monica Blvd, Los Angeles, Calif. 90025.
- RAPPAPOORT, DR. MAURICE. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 24380 Summerhill Ave, Los Altos Hills, Calif. 94022.



- RAPPAPOORT, DR. SHELDON R. Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 3801 Gradyville Rd, Newtown Square, Pa. 19073.
- RAPPAPOORT, DR. SIDNEY M. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 535 Pennsylvania Ave, Ft. Washington, Pa. 19034.
- RASHKIS, DR. HAROLD (ALBERT). Psychology, Psychiatry. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Clin. prof. psychiat. & human behavior, California, Irvine, 69-; dep. dir. res. & eval, Orange County Community Ment. Health Serv. 69-. Address: Community Mental Health Services, 2215 N. Broadway, Santa Ana, Calif. 92706.
- RASHOTTE, DR. MICHAEL E. b. Tweed, Ont, Sept. 2, 39; m. 66; c. 1. PSYCHOLOGY. B.A., Western Ontario, 60; M.A., Toronto, 62, Ph.D. (psychol.) & 66. Instr. PSYCHOL, Western Ontario, 62-63; Nat. Res. Coun. Can. fel. & spec. lectr, Toronto, 66-67; asst. prof., 67-68; lectr, Univ. Col., London, 68; ASST. PROF., FLA. STATE, 68- AAAS; Psychol. Assn. Experimental and theoretical analysis of behavior in simple conditioning situations. Address: Dept. of Psychology, Florida State University, Tallahassee, Fla. 32306.
- RASK, DR. NORMAN. Agricultural Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Agricul. Assoc. prof., Dept. Agr. Natural Economics, 2120 Fyffe Rd, Ohio State University, Columbus, Ohio 43210.
- RASKIN, DR. MARCUS GOODMAN. Political Philosophy, Government. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- RASMUSSEN, PROF. ALBERT TERRIL. Sociology, Sociology of Religion. See 11th ed, Soc. & Behav. Vols, deceased 69.
- RASMUSSEN, CLYDE L. b. Hyrum, Utah, Sept. 27, 13; m. 36; c. 3. ECONOMICS. A.B. Utah, 34; M.S., California, Berkeley, 36. Examiner accfs, Fed. Power Com., San Francisco, Calif. 36-41; indust. specialist, West. Utilization Res. & Develop. Div., Agr. Res. Serv., U.S. Dept. Agr., 41-44; price analyst, U.S. Dept. Army, San Francisco, 44-45; supt. food processing, Calif. Frozen Foods, Modesto, 45-46; chief prof. acct. region 2, U.S. Bur. Reclamation, Sacramento, 46-48; INDUST. SPECIALIST, WEST. UTILIZATION RES. & DEVELOP. DIV., AGR. RES. SERV., U.S. DEPT. AGR., ALBANY, 48-50; U.S. peach processing exhibit, Fiera del Levante, Bari, Italy, summer 57 & mem. team to surv. sugar indust., Ryukyu Islands, summer 63. Inst. Food Tech. Economic evaluation of methods for processing agricultural commodities; determination of market potentials and commercial applicability of new products and processes; evaluation of research proposals and goals including benefit-cost analysis. Publ: The dynamic food industry and our eating concepts, 12/65 & Man and his food, 2000 A.D. 5/69, Food Tech; Economics of present and future freezing methods, 9/69. Soc. Heating Refrig. & Air Conditioning Engr. J., 6/67. Address: 915 Arlington Ave, Berkeley, Calif. 94707.
- RASMUSSEN, DR. JOHN E (DWARD). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Consult. to Pac. Northwest Lab., Battelle Mem. Inst. 69-. Address: 111 Somerset St, Richland, Wash. 99352.
- RASMUSSEN, DR. JON A. b. Astoria, Ore, May 20, 42; m. 64; c. 1. ECONOMICS. B.A., Oregon, 64; Ph.D. (econ), Northwestern, 69. Lectr. ECON, WESLEYAN, 68-69; ASST. PROF., 69-. Econ. Assn. Economist, Soc. Economics of technological change; investment behavior; structure of competition in industrial markets. Publ: Co-auth. An application of chance constrained programming to portfolio selection in a casualty insurance firm, Mkt. Sci., 6/69. Address: Dept. of Economics, Wesleyan University, Middletown, Conn. 06457.
- RASMUSSEN, DR. JORGEN SCOTT, b. La Porte, Ind, May 23, 35; m. 58; c. 2. POLITICAL SCIENCE, COMPARATIVE POLITICS. A.B., Indiana, 57; M.A., Wisconsin, 58, Ph.D. (polit. sci.), 62. Asst. prof. POLIT. SCI., Arizona, 62-66; assoc. prof., Vanderbilt, 66-68; vis. assoc. prof., Columbia, 68-69; ASSOC. PROF., VANDERBILT, 69-. Rev. consult, Choice, 66-; consult, Life World Library, 69. Polit. Sci. Assn. Political process in Western nations, especially Great Britain and particularly political parties. Publ: Retrenchment and revival, 64 & The relations of the Profumo rebels with their local parties, 66, Univ. Arizona. The process of politics, Athens, 69. Address: Box 1676, Station B, Vanderbilt University, Nashville, Tenn. 37203.
- RATCHFORD, DR. BENJAMIN (ULYSSES). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 133 Pinecrest Rd, Durham, N.C. 27705.
- RAUNER, DR. THERESA M (ADELINE). Educational Psychology, Guidance. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Sch. psychologist, West Point Elem. Sch., 68-. Address: Ft. Montgomery, N.Y. 10922.
- RAUNKAR, DR. ROBERT, b. McAlester, Okla., June 13, 31; m. 58; c. 3. AGRICULTURAL ECONOMICS, ECONOMICS. B.S., Okla. State, 56, M.S., 58; Ph.D. (agr. econ), N.C. State, 63. Asst. economist, GEORGIA, 62-69, ASSOC. ECONOMIST, 69-. U.S.A.F. 51-55, S/Sgt. Agr. Econ. Assn. Analysis of demand with particular emphasis on foods in three levels of market aggregation; current and projected estimates of demand for foods. Publ: Spatial aspects of demand for food, Proc. Am. South. Agr. Workers, 67; Quantity-income elasticities for foods by level of income, J. Farm Econ, 12/67; Spatial and temporal aspects of the demand for fluid milk in the United States, Ga. Agr. Exp. Sta. Res. Bull., 6/69. Address: Dept. of Economics, University of Georgia, Georgia Station, Griffin, Ga. 30223.
- RAUSHENBUSH, STEPHEN. Economics, Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New publ. Man and the future, Delacorte, 69. Address: 315 Treasure Boat Way, Sarasota, Fla. 33581.
- RAWLINS, DR. V. LANE, b. Rexburg, Idaho, Nov. 30, 37; m. 60; c. 3. ECONOMICS. B.S., Brigham Young, 53; Ph.D. (econ), California, Berkeley, 69. Instr. ECON, California, Berkeley, 67-68; ASST. PROF., WASHINGTON STATE, 68- Econ. Assn. Manpower economics; economics of education. Address: Dept. of Economics, Washington State University, Pullman, Wash. 99163.
- RAWSON, MARGARET B (YRD) (MRS. ARTHUR J. b. Rome, Ga, June 30, 99; m. 23; c. 2. LANGUAGE DISORDERS. B.A., Swarthmore Col., 23; Pa. Sch. Soc. Work, 23-25; M.A., Pennsylvania, 40. Caseworker, Family Serv. Phila., 23-25; dir. family serv., Family Serv. West. Del. County, 25-27; staff mem., Sch. Rose Valley, Pa., 30-47; asst. prof. sociol., Hood Col., 47-66; ED, BULL. ORTON SOC, 65-. Clin. psychologist, Ment. Health Clin., Frederick County, Md., 50-57; teacher, adult div., Hood Col., 58-64; Nat. Easter Seal Res. Found. & Hood Col. grants, 64-67; asst. prof., Rectory Sch., grad. sch. ed., Univ. Connecticut, summers 67- Consult. lang. disorders, 35-; lang. consult., Easter Seal Treatment Center, Montgomery County, 65-; mem., Interdisciplinary Cent. Reading Probs, 66-; Coun. Except. Children; Orthopsychiat. Assn.; Sci. Res. Soc. Am.; Orton Soc. (v. pres, 63-64, pres, 65-69; mem. bd). Development and disorders of the language function; all levels of education; sociology. Publ: Bibliography on the nature, recognition and treatment of language difficulties, Orton Soc., Pomfret, Conn, 66; Developmental language disability: adult accomplishments of dyslexic boys, Hopkins, 68; Prognosis in dyslexia, Acad. Ther. Quart., spring 66. Address: Foxes Spy, Route 10, Frederick, Md. 21701.
- RAY, DR. B (BARBARA) (ANN), b. New York, N.Y., Dec. 17, 37. EXPERIMENTAL PSYCHOLOGY. B.A., Columbia, 58, Ph.D. (exp. psychol.), 66. Res. assoc. HARVARD MED. SCH., 66-69, ASSOC. NEUROL., 69-; ASST. PSYCHOL. IN NEUROL., MASS. GEN. HOSP., 66- AAAS. Discrimination learning; acquisition of stimulus control by animals; nonverbal, human, and normal children. Publ: Selective attention: effect of combining stimuli controlling incompatible behavior, J. Exp. Anal. Behav., 69; Psychophysical testing of neurological mutant mice, In: Animal psychophysics, 70 & Reinforcement schedules and stimulus control, In: The theory of reinforcement schedules, 70, Appleton. Address: Neurology Research, Massachusetts General Hospital, Boston, Mass. 02114.
- RAY, DR. MICHAEL L. b. Chicago, Ill, Feb. 6, 39; m. 59; c. 5. SOCIAL PSYCHOLOGY, BUSINESS. B.S., Northwestern, 61, M.S., 62, M.A., 65, Ph.D. (soc. psychol.), 67. Prod. mgr., Patterson Pub. Co., Ill, 59-61; proj. dir. advert. Assn., Food, Cos. & Belding, Inc., 61-63; instr. advert., Northwestern, 63-67; ASST. PROF., MKT., STANFORD, 67-; Asst. prod. mgr., Topco Assocs., Ill, 60-61; lectr., eve. div., DePaul, 62-63; grants, Am. Assn. Advert. Agencies Ed. Found., 68-70; div. social. & soc. psychol., Nat. Sci. Found., 69-70; small grant div., Nat. Inst. Ment. Health, 70-71. AAAS; Psychol. Assn.; Asn. Pub. Opinion Res. Development of multiple and nonobtrusive measures of attitude; attitude change through communal and applied attitude research. Publ: Co-auth. Speech duration effects in the Kennedy news conferences, Science, 66; auth. Biases in the selection of messages designed to induce resistance to persuasion, J. Personality & Soc. Psychol., 68; co-auth. Neglected problems (opportunities) in research: the development of multiple and nonobtrusive measures, Am. Mkt. Assn., 69. Address: Dept. of Marketing, Graduate School of Business, Stanford University, Stanford, Calif. 94305.
- RAY, PROF. OAKLEY S (TERN). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Prof. psychol. & assoc. prof. pharmacol., Vanderbilt, 70-; chief psychol. serv., Vet. Admin. Hosp., Nashville, 70-. Address: 105 Blue Grass Point, Hendersonville, Tenn. 37075.
- RAY, DR. ROGER (DEAN), b. New Castle, Ind, Mar. 20, 41; m. 62. EXPERIMENTAL PSYCHOLOGY. B.A., Rollins Col., 62; Wisconsin, 62-64; Ph.D. (psychol.), Tennessee, 69. ASST. PROF. PSYCHOL., ROLLINS COL., 69- AAAS; Psychol. Assn. Autonomic and interoceptive conditioning; psychosomatic behavior. Address: Dept. of Psychology, Rollins College, Winter Park, Fla. 32789.
- RAY, DR. THOMAS SHELBY. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Florida Division of Mental Health, 200 E. Gaines St, Tallahassee, Fla. 32304.
- RAYL, PROF. LEO S, JR. Industrial Engineering. See Suppl. Vto 11th ed, Phys. & Biol. Vols.
- RAYMOND, DR. BETH J. b. New York, N.Y., Apr. 12, 43; m. 63. EXPERIMENTAL PSYCHOLOGY. Nat. Sci. Found. summer fels, N.Y. Univ., 64, 65, 66, univ. fels. 65-67, Ph.D. (human learning & memory), 68. ASST. PROF. PSYCHOL., HOFSTRA, 67- Learning; memory; statistics. Publ: Co-auth. Continuity of exposure effects in tachistoscopic perception, Psychometric Sci., 67; auth. Short-term storage and long-term storage in free recall, J. Verbal Learning & Verbal Behav., 10/69. Address: Dept. of Psychology, Hofstra University, Hempstead, N.Y. 11550.
- RAZA, DR. M. ALI. Business Administration, Industrial Relations. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., 69-. International Affairs Center, Sacramento State College, Sacramento, Calif. 95819.
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AGEMENT, STATISTICS. B.B.A. Baylor, 62, M.B.A. 64; univ. fel. Texas,  
Austin, 66-67, NASA Manned Spacecraft Center grant, 67-68, Ph.D. (mgmt,  
statist), 69. Admin. asst, trust div, Bank of Southwest, Tex. 64-65; ASST.  
PROF. MGT, FLA. STATE, 68. Acad. Mgt. Effect of project team and  
contract characteristics on the performance of research and development  
contracts; use of management consultants by small businesses. Publ: A  
study of the relationship of certain project team and contract characteristics  
to the performance of research and development contracts, NASA, 1/69;  
co-auth, Contemporary approaches to the control of organizational conflict,  
Bus. Studies, fall 69. Address: 1225 Winifred Dr, Tallahassee, Fla. 32303.
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Methodist University, Dallas, Tex. 75222.
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- REARDON, DR. PAUL A. b. Knoxville, Tenn. Dec. 25, 36; m. 61; c. 1. ECO-  
NOMICS. B.S. Missouri-Columbia, 63, M.A. 64, Ph.D. (econ), 68. Instr. soc.  
sci, Missouri-Rolla, 66-67; ASST. PROF. ECON, CLEVELAND STATE, 67-  
Econ. Asn. Structure of conglomerate firms; industry. Publ: Missouri  
market for sulfuric acid, Div. Commerce & Indust. Develop, Mo, 66, 67.  
Address: Dept. of Economics, Cleveland State University, Euclid Ave. at  
24th St, Cleveland, Ohio. 44115.
- REAVIS, DR. LARRY D. b. Independence, Mo, July 31, 36; m. 62; c. 1. SO-  
CIAL PSYCHOLOGY. B.A. Missouri, 62, M.A. 64; Nat. Inst. Ment. Health  
fel, Ohio State, 65-67, Ph.D. (psychol), 67. ASST. PROF. PSYCHOL, SOUTH-  
ERN METHODIST, 67- U.S.A. 58-60. Effects of inequity feelings upon  
decisions; scientific psychology in emerging nations. Publ: Psychology in  
the emerging nations: Latin America, Africa, and the Middle East, In: Sys-  
tems and theories in psychology, McGraw, 2nd ed, (in press). Address: Dept.  
of Psychology, Southern Methodist University, Dallas, Tex. 75222.
- REBERT, DR. CHARLES SIDNEY, b. Detroit, Mich, Feb. 8, 38; m. 62; c. 2.  
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PHYSIOL. PSYCHOLOGIST, STANFORD RES. INST, 67- Abolli McBean Fel,  
physiol. psychol, Stanford Res. Inst. 67-68. U.S.A.R. 61-67. Biological sub-  
strates of learning and motivation, especially electrophysiology of learning  
and study of slow potentials in brain. Publ: Co-auth, Convulsive control of the  
contingent negative variation & Motivational determinants of the contingent  
negative variation, Electroencephalogr. & Clin. Neurophysiol, 66; Slow poten-  
tial change in human brain related to level of motivation, J. Comp. & Physiol.  
Psychol, 67. Address: Dept. of Biobehavioral Sciences, Stanford Re-  
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- RECK, PROF. ANDREW J(OSEPH). Philosophy. See 5th ed, Dir. Am. Schol-  
ars, Vol. IV, Philos. Relig. & Law.
- RECK, DR. MARTIN, b. Brooklyn, N.Y. Aug. 14, 41; m. 67. INDUSTRIAL  
PSYCHOLOGY. B.A. Brooklyn Col, 63; M.S. Purdue, 65, Ph.D. (psychol),  
67. Teaching asst. PSYCHOL, Purdue, 63-67; ASST. PROF. WEST. WASH.  
STATE COL, 67. Res. asst, Indianapolis Hosp. Develop. Asn, 66-67. Psy-  
chol. Asn. Prediction of academic achievement with life history inventory;  
effects of pricing on consumer decisions. Publ: The prediction of achieve-  
ment in a college science curriculum, Ed. & Psychol. Measurement, 28:  
943-944 & Sex and age differences in preference for nonalcoholic drinks,  
Psychol. Reports, 24: 746. Address: Dept. of Psychology, Western Washing-  
ton State College, Bellingham, Wash. 98225.
- REDDING, DR. A(LAN) DAVID. Economics. See L-Z Vol, 11th ed, Soc. &  
Behav. Vols. New position: Chief econ. planning & res. div, Agency Int.  
Develop, Wash, D.C. 69. Address: 13000 Hartland St, North Hollywood,  
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ENCE EDUCATION. B.E.E. Virginia, 54, M.Ed. 55, cert. ad. studies, 59,  
Ed.D. 60. Sci. coordinator, pub. schs. Va. 60-61, sci. supvr, 62-64; asst.  
prof. SCI. ED, FLA. STATE, 64-67, ASSOC. PROF, 67-, ASSOC. DIR. IN-  
TERMEDIATE SCI. CURRICULUM PROJ, 68- Instr. Virginia, 60-64; FLA.  
State Univ. Res. Coun. grant, 65-66; dir. Nat. Sci. Found. Teacher Training  
grants, 65- Chnslr, Gov. Cnsl. Ed. Va. 63. Fel. AAS: Asn. Physics  
Teachers; Ed. Res. Asn; Inst. Elec. & Electronics Eng; Nat. Asn. Res. Sci.  
Teaching; Nat. Sci. Teachers Asn. Sequencing of curriculum materials; /  
psychology of learning; new course evaluation; teacher training techniques;  
systems and informational analysis. Publ: Contrib. co-ed, Probing the phys-  
ical world, Vols. I, II, III & IV, 67 & Probing the natural world, Vols. I & II,  
68, Fla. State Univ. auth. An experimental study of the free-fall phenomenon,  
Sci. Teacher, 1/66. Address: Dept. of Science Education, Florida State Uni-  
versity, Tallahassee, Fla. 32306.
- REDFORD, DR. DONALD B. Egyptology. See 5th ed, Dir. Am. Scholars,  
Vol. I, Hist.
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K-K Off. Serv. 49-50; teacher, elem. sch. 59-60; counslr, high sch. 61-63;  
psychologist, Summit County Bd. Ed. 63-64; Portage County Bd. Ed. 65-66;  
ASSOC. PROF. ED, HIRAM COL, 66-, DEAN STUDENTS, 69- Consult.  
to psychologists, Portage County Bd. Ed. 66-68. Psychol. Asn; Personnel &  
Guid. Asn. Counselor education: growth and development of the self concept  
from age nine to eighteen; perception and learning; neurological handicaps;  
youthness and retention in school. Publ: We need more Indians, Ohio Guid.  
News & Views, 63 & Grouping in the elementary classroom, Ideas Ed, winter  
69. Address: Apt. 6, 433 Silver Oaks Dr, Kent, Ohio 44240.
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11th ed, Soc. & Behav. Vols. Change of address: 4508 Viola Place, Yakima,  
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olis, 68. Instr. SOCIOL, Montana, 59-61; Idaho State, 61-63, asst. prof, 63-  
68, assoc. prof, 67-70, chmn. dept, 62-70, ASSOC. PROF. NEVADA, LAS  
VEGAS, 70- Lectr, Idaho Law Enforcement Acad, 63-69; gen. chmn. West.  
Interstate Cmn. Higher Ed. Soc. Serv. Ed. Inst. 65-66. Consult, Land Use  
Surv. City of Pocatello, Idaho, 63-69; U.S. Dept. Health, Ed. & Welfare Tech.  
Assistance Center Juvenile Delinquency, Univ. Colorado, 70. V. chmn.,  
Vendor Eval. Cmt. State Comput, 66-69. U.S.A. 51-53, Res. 53-65, Capt.  
Soc. Asn. Social science research methodology and computer applications  
to sociology; crime and related matters. Publ: A survey of correctional  
manpower in Idaho, West. Interstate Cmn. Higher Ed, 69; Consultant re-  
viewer, in Choice, 66- Address: Dept. of Anthropology & Sociology, Univer-  
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Soc. & Behav. Vols. New position & address: Vpres & economist, 68-,  
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11th ed, Soc. & Behav. Vols. New information: Retired, Nat. Park Serv, 69;  
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Eastern Studies. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- REED, DEAN JAMES A. Educational Psychology. See L-Z Vol, 11th ed, Soc.  
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Ed.D. (ed. psychol), Indiana, 62. Teacher, pub. schs, Pa, N.Mex. & Ohio,  
54-60; teaching assoc. ed. psychol. & res. methodology, Indiana, 60-62;  
editor, achievement tests, Houghton Mifflin Co, 62-63; coordinator off. test-  
ing & res, Montclair Pub. Schs, N.J. 63-66; dir. off. instnl. res, JERSEY  
CITY STATE COL, 66-69, CHMN. DEPT. PSYCHOL, 69- Consult, grad. ed,  
State Dept. Higher Ed, N.J. 66; mid. sch. eval, East Orange Pub. Schs, 66-  
67; eng. ed. State Dept. N.Y. 68-69, grad. ed, 69-70; drug ed, Caldwell-  
West Caldwell Pub. Schs, N.J. 69-70; billing, ed. N.J. Billing. Ed. Prog, 69-  
70. U.S.A. 52-54. Psychol. Asn; Personnel & Guid. Asn; Ed. Res. Asn.  
Higher education; non-cognitive traits. Address: 129 Drake Rd, Somerset,  
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- REESE, ELLEN P, b. Hartford, Conn. Aug. 30, 26; m. 49. PSYCHOLOGY.  
B.A. Mt. Holyoke Coll, 48, M.A. 54. Res. asst. psychol, MT. HOLYOKE  
COL, 48-56, asst. dir. psychol. labs, 56-64, dir. 64-69, LECTR. PSYCHOL,  
70- Consult. Can. Nat. Res. Coun. Psychol. Asn; Animal Behav. Soc; N.Y.  
Acad. Sci. Animal behavior; learning; education; imprinting; psychophysics.  
Publ: Experiments in operant behavior, 64 & Behavior theory in practice (4  
part film), 68, Appleton; chap. In: The analysis of human operant behavior,  
W.C. Brown, 66. Address: Dept. of Psychology, Mt. Holyoke College, South  
Hadley, Mass. 01075.
- REESE, PROF. HAYNE W(ARING). Psychology. See L-Z Vol, 11th ed, Soc.  
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- REESER, DR. ROBERT M. Agricultural Economics. See L-Z Vol, 11th ed,  
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- REICHERT, PROF. WILLIAM O. Political Theory, History of Political Ideas. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
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- REINHARD, DR. GREGOR M. b. Scranton, Pa. Dec. 27, 34; m. 62; c. 2. POLITICAL SCIENCE. B.A. Catholic Univ., 60, M.A., 62, Ph.D. (polit. sci.), 69. From instr. to asst. prof. POLIT. SCI. Lorain Coll., 64-68; ASST. PROF. & DIR. DEPT., GANNON COLL., 68- U.S.N., 55-57. Polit. Sci. Assn.; Int. Studies Assn. International politics; political theory; philosophy. Publ: Political sociology of Frederick Nietzsche, Gen. Polit. Quart., 69. Address: Dept. of Political Science, Gannon College, Erie, Pa. 16501.
- REINHART, DR. MIRIAM M(YRTLE). Speech. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- REINHART, DR. THEODORE RUSSELL. b. Sellersville, Pa. Jan. 24, 38; m. 58; c. 1. ANTHROPOLOGY. B.A. Pa. State, 61; M.A., George Washington, 64; Ph.D. (anthrop.), New Mexico, 68. ASST. PROF. ANTHROPOL., COL. WILLIAM & MARY, 68- U.S.A., 55-58. Anthropol. Assn.; Soc. Am. Archaeol.; Archaeol. Inst. Am. Southwest United States archaeology and ethnology; cultural ecology; culture change; New World prehistory. Publ: The Rio Rancho phase, Am. Antiquity, 67; Late arcaic cultures of the middle Rio Grande Valley, New Mexico, Univ. Microfilms, 68. Address: Dept. of Anthropology, College of William & Mary, Williamsburg, Va. 23185.
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- REITERMAN, DR. CARL. b. Palo Alto, Calif. June 18, 21; m. 64; c. 3. SOCIOLOGY, DEMOGRAPHY. B.A. California, Berkeley, 50, M.A., 65, Ph.D. (sociol.), 68. Instr. SOCIOL. SAN FRANCISCO, 66-68; ASST. PROF. 68- Lectr., sch. pub. health, California, Berkeley, 67-, mem. faculty, sch. med., California, San Francisco, 70. Int. Union Sci. Study Pop. Sociol. Assn. Pop. Assn. Am. Birth control; population policy; population control; human ecology; urban sociology and demography. Publ: Birth-control policies and practices in fifty-eight California county welfare departments, Planned Parenthood, Alameda County, Calif., 66; co-auth., Population readings, Macmillan, 70; auth., Birth control and Catholics, J. Sci. Study Relig., 65. Address: Dept. of Sociology, University of San Francisco, San Francisco, Calif. 94117.
- REITMAN, PROF. WALTER R(ALPH). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. psychol. & prof. comput. & commun. sci., University of Michigan, 205 N. Forest Ave., Ann Arbor, Mich. 48104.
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- REMEIN, QUENTIN (ROBERT). Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Spec. asst. planning & prog. coord., Off. Asst.

- Health, Sci. Affs. Dept. Health, Ed. & Welfare, 68- Address: 18 Wykyn Court, Bethesda, Md. 20814.
- REMMERS, DR. (HERMANN) (HENRY). Educational Psychology. See 11th ed, Soc. & Behav. Vols., deceased 69.
- REMY, DR. JOAN HOLDEN, b. Utica, N.Y., July 3, 24. CLINICAL PSYCHOLOGY. A.B., Syracuse, 47; Ph.D. (clin. psychol.), Adelphi, 60. Asst. soc. worker, Adelphi, 50-51; intern clin. psychol., psychiat. inst., sch. med., Maryland, 55-56, asst. med. psychol., 56-58; staff psychologist, N.Y. State Dept. Ment. Hyg., Marcy State Hosp., 61-63; asst. instr. psychiat. & staff psychologist, N.Y. Med. Coll., 63. STAFF PSYCHOLOGIST, N.Y. State Dept. Ment. Hyg., Marcy State Hosp., 63-66; Children's Unit, Buffalo State Hosp., N.Y., 66-68; N.Y. STATE DEPT. MENT. HYG., MARCY STATE HOSP., 68- Lectr., community & church groups & seminars, St. John Vianney Sem., 65-67; police sci. prog., Mohawk Valley Community Coll., 69- Soc. worker, dept. ment. hyg., Pilgrim State Hosp., Brentwood, N.Y., 50-51; staff psychologist, Montefiore Hosp., N.Y., 63. Consult., Hagerstown, Md. Health Clin., Md., summer 67. Psychol. Assn. Training of youth rehabilitation personnel; police sci. ed.; rehabilitation of psychiatric population. Publ: Possessiveness and punishment: one mother-son relationship, Psychiat. Quart., 1/64 & Growth in child and attendant: a program of constructive interaction, Psychiat. Quart. Suppl. Part. 1: 151-161. Address: Marcy State Hospital, Box 44, Marcy, N.Y. 13403.
- RENAUD, DR. BERTRAND M., b. Argentat, France, Dec. 28, 39; m. 67; c. 1. ECONOMICS. Ingenieur, Nat. Inst. Agron. Paris, 62; M.S. California, Berkeley, 64, Ph.D. (agr. econ), 66. Res. asst. AGR. ECON., California, Berkeley, 63-66; ASST. PROF., HAWAII, 68- U.S.A., 67-68. Economist. Soc. Econ. Assn. Regional and urban economics; econometrics; industrial organization; agricultural economics. Publ: The impact of economic growth on the trade structure of an island economy, Hawaii, 70. Address: 1986 Halekoa Dr., Honolulu, Hawaii 96821.
- RENEAU, DR. JOHN. Audiology, Speech Pathology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- RENFER, DR. MARY EMMA F., b. Dallas, Tex., Jan. 23, 14; m. 35; c. 3. PSYCHOLOGY. B.A., Wheaton Coll., 35; Texas, 47; Basel, 58; M.A., Southern Methodist, 59; Ph.D. (psychol.), Southern California, 66. Teacher, Tustin Union High Sch., 61-63; ASST. PROF. PSYCHOL. & COUNSEL, ORANGE COUNTY, 63-65. Res. Asst., Psychol. Assn. Predicting success in the study of descriptive linguistics; personality and need differences between successful and unsuccessful junior college students; adjustment levels of students with and without religious affiliation. Address: 10642 Newport Ave., Santa Ana, Calif. 92705.
- RENNE, DR. (ROLAND) (ROGER). Agricultural Economics. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position & address: Prof. & assoc. dean agr. econ, 69-, College of Agriculture, University of Illinois, 305 Mumford Hall, Urbana, Ill. 61801.
- RENT, DR. GEORGE SEYMOUR, b. Brockton, Mass., Jan. 29, 43; m. 66; c. 1. SOCIOLOGY. B.A., Marietta Coll., 64; Fordham Univ., New York, 64-65, Ph.D., 66, Nat. Defense Ed. Act, Fla. State, 67-68, Ph.D. (sociol.), 68. ASST. PROF. SOCIOLOGY, Western Carolina, 68-70; CLEMSON, 70. Social Assn. Human ecology of urban areas; stratification; population. Publ: A contemporary migrant group: the Puerto Ricans of Wilmington, Delaware, Univ. Delaware, 66. Address: Dept. of Social Science, Clemson University, Clemson, S.C. 29631.
- RENTEL, DR. VICTOR MICHAEL. Psychology, Education. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 70-, Early & Middle Childhood, Ohio State University, Columbus, Ohio 43210.
- RENWICK, DR. FRED BLACKWELL. Finance. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 68-, Graduate School of Business Administration, New York University, 100 Trinity Place, New York, N.Y. 10006.
- RESHAUR, DR. KENNETH M. Political Science. See L-Z Vol., 11th ed, Soc. & Behav. Vols. Political Science. New position & address: Assoc. prof., 69-, Dept. of Political Science, University of Manitoba, Winnipeg 19, Man., Can.
- RESNICK, DR. JEROME (HOWARD). b. New York, N.Y., Mar. 13, 36; m. 62; c. 3. PSYCHOLOGY. B.A., Psychology, B.A. City Coll., New York, 55, M.A., Missouri, 59; U.S. Pub. Health Serv. file, Syracuse, 59-60, 61-62 & 63-64, Ph.D. (psychol.), 64. Asst. prof. PSYCHOL., TEMPLE, 64-69, ASSOC. PROF., 68-69. Consult. psychologist, Assn. Jewish Children, Philadelphia, 66-; pub. schs., N.J., 67-; Baptist Children's House, Phila., 69- Psychol. Assn. Verbal operant conditioning; anxiety; under-achievement; behavior theory; smoking behavior; delayed effects of experimental-subject similarity on experimental outcome. Publ: The effects of stimulus stability on the overlearned maladaptive response of cigarette smoking, 68 & co-auth., Experimental prevention of underachievement among intelligent impulsive college students, 70, J. Consult. & Clin. Psychol.; auth., Effects of switching conditions of threat on human stress, 70, J. Clin. Psychol. Gen. Hosp. 56. Consult. Ment. Health Assn. Southeast, Pa., 65-67; dir. spec. ment. health prog., Nat. Inst. Ment. Health, 67-; chief, center studies suicide prev., Nat. Inst. Ment. Health, 69.
- RESNIK, DR. HARVEY (LEWIS) (PAUL), b. Buffalo, N.Y., Apr. 6, 30; m. 64; c. 4. PSYCHIATRY, PSYCHOANALYSIS. B.A., Buffalo, 51; M.D. Columbia, 55; cert. in marriage counseling, Pennsylvania, 62; cert. group therapy, Del. Valley Group Psychother. Inst., 62; cert. psychoanal. Phil. State Psychoanal. Inst., 67. Assoc. prof. psychiat. & assoc. chmn. Sch. Med., STATE UNIV. N.Y. BUFFALO, 67-68, PROF. PSYCHIATRY & DEP. CHMN., 68-; DIR. PSYCHIAT. EYE MEYER MEM. HOSP., BUFFALO, 68-; clin. dir., 67-68. Co-ed., Bull. of experim. subject similarity on experimental outcome, 69. Assn. Southeast, Pa., 65-67; dir. spec. ment. health prog., Nat. Inst. Ment. Health, 67-; chief, center studies suicide prev., Nat. Inst. Ment. Health, 69.
- RESNIKOFF, DR. HOWARD L. Mathematics, Linguistics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- RETHLINGSHAFFER, PROF. D. (OROTHY). Psychology. See 11th ed, Soc. & Behav. Vols., deceased 69.
- RETTIG, DR. RAYMOND BRUCE, b. Crowell, Tex., Sept. 8, 40; m. 65; c. 2. ECONOMICS. B.A., Montana, 62; M.A., Northwestern, 64; Ph.D. (econ.), Washington, Seattle, 69. ASST. PROF. AGR. ECON., OREGON STATE, 68. Econ. Assn. Agr. Econ. Assn. Theory of productivity change; regional economic growth; public policy in the marine resource industries; multiple use conflicts in the Coastal Zone. Address: Dept. of Agricultural Economics, Oregon State University, Corvallis, Ore. 97331.
- REUTENER, DR. DONALD BALDWIN, JR., b. Cleveland, Ohio, Sept. 11, 38. EXPERIMENTAL PSYCHOLOGY. A.B., Oberlin Coll., 60; M.A., Ohio State, 67, Ph.D. (psychol.), 69. ASST. PROF. PSYCHOL., SMITH COLL., 69- U.S.N., 60-63, Lt. Organization and encoding in short-term memory; transfer of the partial reinforcement effect. Address: Dept. of Psychology, Smith College, Northampton, Mass. 01060.
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- REYNOLDS, DR. CLARK (GILBERT). Modern American & Military History. See 5th ed, Dir. Amn. Scholars, Vol. 1, Hist.
- REYNOLDS, DR. DAVID R. (ED). Human Geography. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-, Dept. of Geography, University of Iowa, Iowa City, Iowa 52240.
- REYNOLDS, DR. EDWARD N., b. Oberlin, Ohio, Sept. 18, 39. SOCIAL PSYCHOLOGY. A.B., Oberlin Coll., 62; M.S., Case West. Reserve, 64 & 65, Ph.D. (soc. psychol.), 68; Brandeis, 68-69. ASST. PROF. social, Kent State, 67-68; PSYCHOL., BOSTON COL., 68- Res. assoc., Brandeis, 68-69. Psychol. Assn. Humanistic psychology; psychology of ethnic relations. Address: Dept. of Psychology, Boston College, Chestnut Hill, Mass. 02167.
- REYNOLDS, DR. HORACE (NORTHUP), JR., b. Newark, N.J., Mar. 17, 41; m. 65. EXPERIMENTAL PSYCHOLOGY. B.S., Tufts, 62; M.A., Cornell, 63, Ph.D. (exp. psychol.), 67. Instr. exp. psychol., Cornell, 65-66; RES. PSYCHOLOGIST, Aerospace Med. Res. Lab. Wright-Patterson Air Force Base, Ohio, 66-69; CYBERNET. RES. INST., 69- U.S.A.F., 66-69, Res., Capt. AAS. Psychol. Assn. Psychology in young adults; human factors in human psychology. Publ: Temporal estimation in the perception of occluded motion, Perceptual & Motor Skills, 26: 407-416; co-auth., The effects of color of instrument lighting on absolute and accuracy thresholds with exposure to a simulated instrument panel, 39: 1304-1309 & auth., Visual perception beyond the atmosphere, 40: 615-621, Aerospace Med. Address: Cybernetics Research Institute, 2235 Wisconsin Ave. N.W., Washington, D.C. 20007.
- REYNOLDS, DR. JOHN BRADLEY. Experimental Psychology, Biomedical Science. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- REYNOLDS, DR. RICHARD J. (JOHN), b. Binghamton, N.Y., Jan. 26, 55; m. 68; c. 3. EDUCATIONAL PSYCHOLOGY. B.A., Harper Coll., 55; M.S. Ed., Elmira Coll., 61; Minnesota, 63-64; ed. (ed. psychol.), State Univ. N.Y. Albany, 68. Teacher, high schs., N.Y., 55-63; couns., Mohawk Valley Community Coll., 64-65; ASST. PROF. STATIST., Georgia, 67-70; STATE UNIV. N.Y. BINGHAMTON, 70- Psychol. Assn. Ed. Res. Assn.; Nat. Coun. Measurement in Ed. Cog. Assn. Psychol. Assn. in young adults; human factors in human psychology. Effects of input on the reading process, 69 & The effect of reading and punctuation conditions upon reading comprehension, 70, J. Reading Behav.; auth., Typology as a moderating variable in success in science, Psychol. Reports, 70. Address: 130 Leroy St., Binghamton, N.Y. 13905.
- REYNOLDS, DEAN WILLIAM HOWARD. Marketing, Business Administration. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position & address: Dean, 68-, School of Business Administration, Wayne State University, Detroit, Mich. 48202.
- REZLER, DR. AGNES G. Educational Psychology, Counseling. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position: Sr. assoc., Center Study Med. Ed., Illinois, Chicago, 69- Address: 22W765 Tamarack Dr., Glen Ellyn Woods, Ill. 60137.
- RHINE, DR. LOUISE E., b. Sanborn, N.Y., Nov. 9, 91; m. 20; c. 4. PSYCHOLOGY. B.S., Chicago, 19, M.S., 21, Ph.D., 23. Asst. instr. plant microchem., Chicago, 21-23; bot. Duke, 23-29, RES. ASSOC. PARAPSYCHOL., parapsych



- psychol. 56- Parapsychol. Assn. Parapsychology. Publ: Hidden channels of the mind, Sloane, 61; ESP in life and lab, tracing hidden channels, 68 & Mind over matter, the story of PK research, 70, Macmillan. Address: College Station, Durham, N.C. 27708.
- RHINEHART, DR. JESSE BATTLE. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Chief psychologist, Unit I, Vet. Admin. Hosp., Coatesville. Address: 2314 E. Kings Highway, Coatesville, Pa. 19320.
- RHOADS, DR. JAMES BERTON. United States Political History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- RHOLL, DR. KEITH NORRIS, b. Lake Mills, Iowa, July 20, 17; m. 44; c. 2. SOCIOLOGY. B.A. Hamline, 49; S.T.B. Boston, 51; Redlands, 53-57; Ph.D. (sociol.), Southern California, 68. Youth worker, Morgan Mem. Church of all Nations, Boston, Mass., 47-49; pastor, Parker St. Methodist Church, Lawrence, 49-51; S. Hempstead Community Church, N.Y., 51-53; First Congregational Church, Rialto, Calif., 53-58; asst. dir. dept. counseling, Am. Inst. Family Rel., 57-65; ASST. PROF. SOCIOLOGY, WHITTIER COL., 65-; COUNSELOR, PETERSON-GUEDEL FAMILY CENTER, 65- Counselor, 56-65; lectr., Southern California, 63-65. Sociol. Assn; Nat. Coun. Family Rel. Role theory in marriage and family relationships, and in the sociology of occupations. Address: Dept. of Sociology, Whittier College, Whittier, Calif. 90608.
- RICE, PROF. CHARLES EDGAR. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. psychol., Kenyon Col., 69- New publ: Ed. Behavior & psychology in primates, Appleton, 68. Address: Dept. of Psychology, Kenyon College, Gambier, Ohio 43022.
- RICE, PROF. GEORGE HALL, JR. b. Freeport, Tex. Nov. 17, 23; m. 51; c. 2. BUSINESS ADMINISTRATION. B.S. Texas A&M, 50; M.B.A. Denver, 58; Sloan, Nat. Sci. Found. & univ. fel., Stanford, 60-64, Ph.D. (bus. admin.), 64. Appln. engr. apparatus dir., Westinghouse Elec. Corp., 50-58; sys. engr., Martin Co., 59; assoc. prof. BUS. ADMIN., Calif. State Col. Hayward, 63-64; TEXAS A&M, 64-68, PROF., 68-; HEAD DEPT. MGT., 65- U.S.A.F., 43-46, Res., 46-49; U.S.A.R., 49-; Maj. Effect of organization structure on employee and manager attitudes, role expectations, maturation, innovation and the organization's economic and social efficiency. Publ: Co-auth. Conceptual models of organization, Appleton, 70; auth. Interaction rewards, Personnel J., 66 & Preferences among information sources under conditions of uncertainty, Bus. Studies, 67. Address: Dept. of Management, Texas A&M University, College Station, Tex. 77843.
- RICE, DR. JAMES A. b. La Grange, Mo. July 16, 28; m. 54; c. 2. PSYCHOLOGY. M.A., Iowa, 66, Ph.D. (ed. psychol.), 67. Sch. psychology, hosp. sch., Iowa, 64-65, res. psychologist, 66-67; ASSOC. PROF. PSYCHOL., HOUSTON, 67- Private practice, Houston, Tex., 67- U.S.A.R., 52-54, 1st Lt. Standardization, reliability and validity for instruments to assess perceptual-motor functioning. Publ: Form equivalence analysis of the revised visual retention test, J. Psychol., 68, 158-163; Right-left discrimination, systematic reversal in bright children, 68 & Confusion in laterality: a validity study with bright and dull children, 69, J. Learning Disabilities. Address: Dept. of Psychology, University of Houston, Houston, Tex. 77004.
- RICE, DR. LAURA (NORTH). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 68-; Dept. of Psychology, York University, Toronto 12, Ont., Can.
- RICE, DEAN PHILIP M. History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- RICE, DR. ROGER REID, b. Muskegon, Mich., July 6, 37; m. 59; c. 3. SOCIOLOGY. A.B., Calvin Col., 59; M.A., Minn. State, 62, Ph.D. (sociol.), 68. Asst. instr. sociol., Mich. State, 62-64; instr., Calvin Col., 64-66, asst. prof., 66-69; ASST. PROF. SOCIOLOGY & RES. ASSOC. POP. RES. LAB., SOUTHERN CALIFORNIA, 69- Consult, Community Action Prog., Kent County United Community Serv., 65-67. Sociol. Soc; Pop. Assn. Am.; Rural Sociol. Soc. Demography, especially fertility, migration and population composition; human ecology; urban and rural sociology; social problems. Publ: Co-auth. Michigan population, 1960; selected characteristics and changes, Agr. Exp. Sta., Mich. State Univ., 62; Selected factors related to county migration patterns in North Central states, 1940-1950, 1950-1960, Quart. Bull., Agr. Exp. Sta., Mich. State Univ., 9/63 & Some demographic characteristics of rural youth, In: Rural youth in crisis, Nat. Cnt. Children & Youth, 64. Address: Dept. of Sociology & Anthropology, University of Southern California, Los Angeles, Calif. 90007.
- RICE, DR. STUART (ARTHUR). Statistics. See 11th ed, Soc. & Behav. Vols., deceased 69.
- RICH, DR. MAYNARD L. b. Donovan, Ill., Apr. 8, 29; m. 53; c. 3. PSYCHOLOGY, THEOLOGY. B.S., Indiana State, 47, M.S., 54; B.D., Drew, 54, Ph.D. (psychol.), 69; Texas, 58-60; Danforth Found. fel., Columbia, 65. Lab. technician, Marquette Mem. Hosp., 51-54; rec. pastor, Campus Christian Community Church, Southwest Texas State, 54-63; assoc. prof., psychol. & religion, Montclair State Col., 65-69; prof. psychol., Newark State Col., 69; PROF. PSYCHOL., CHMN. DEPT. & DIR. COUNSELING CENTER, CATAWBA COL., 69- Secy., Nat. Assn. Col. & Univ. Ministers, 56-62; grants, Danforth Found., 57, 63-65 & Tex. Methodist Student Movement Year of Study, 63-64; Bishop Baker award, 64-65; adj. prof., Hood Theol. Sem., 69- Psychol. consult., Centenary Col., 68-69; personnel mgt. consult., 69- Psychol. Assn. Marriage and family counseling; psychotherapy; group therapy; theology; behavior modification with operant conditioning; existential psychology. Address: Dept. of Psychology, Catawba College, Salisbury, N.C. 28144.
- RICH, DR. ROSEMARY, b. Union City, Ohio, Dec. 23, 20. EXPERIMENTAL CHILD PSYCHOLOGY. B.A., Ball State, 42; Johns Hopkins Hosp. Sch. Nursing, 42-45; M.A., Chicago, 45; Ph.D. (exp. child psychol.), Iowa, 64. Instr. chem. & phys. sch. nursing, Johns Hopkins Hosp., 48-49, head nurse, outpatient dept., 47-48, instr. & superv. nursing, 49-53; from instr. to asst. prof. NURSING, col. nursing, Illinois, 55-58; res. assoc. col. nursing, Wayne State, 59-61; asst. prof., FRANCES PAYNE BOLTON SCH. NURSING, CASE WESTERN RESERVE, 64-67, ASSOC. PROF., 67- Consult, nursing staff, Vet. Admin. Hosp., Cleveland, Ohio, 66-; cent. off., Vet. Admin. D.C., 67. Nurse C.U.S.A., 45-47, 1st Lt. Psychol. Assn. Sensory deprivation of hospitalized patients; the use of biotelemetry in the care of patients; microcirculation in human skin. Publ: Co-auth. Patient rating scale, 62 & Suitability of the subjective stress scale for hospitalized patients, 69, Nursing Res.; Suggestions for the care of eye surgery patients who experience reduced sensory input, Appleton, 67. Address: Frances Payne Bolton School of Nursing, Case Western Reserve University, 2121 Abington Rd., Cleveland, Ohio 44106.
- RICH, PROF. STUART U. b. Greenfield, Mass., Sept. 15, 20; m. 51; c. 3. MARKETING. B.A., Wabash Col., 42; M.B.A., Harvard, 50, Fed. Reserve Bank of Boston grant, 59-60, D.B.A., 60. Instr. mgt., Boston, 50-54. asst. prof. Tutts, 54-59; MKT., Harvard, 60-63; assoc. prof. OREGON, 63-66, PROF., 66- Ford Found. grant, 61. U.S.N., 42-46. Lt. Mgt. Assn. Forest Prod. Res. Soc. Industrial marketing; consumer behavior; marketing of forest products. Publ: Shopping behavior of department store customers, Harvard Bus. Sch., 63; Product policies of nonintegrated New England paper companies, Fed. Reserve Bank of Boston, 63; Marketing of forest products: text and cases, McGraw, 70. Address: Dept. of Marketing, School of Business Administration, University of Oregon, Eugene, Ore. 97403.
- RICHARD, DR. SANDRA, b. Athens, Tex. MANAGEMENT, BUSINESS ADMINISTRATION. B.B.A. Texas, 58, M.B.A., 59, Am. Assn. Univ. Women fel., 64-65, Ph.D. (mgt.), 68; Fulbright grant, Pakistan, 62-63. With, Mathes Mfg. Co., Athens, Tex., summer 58; instr. mgt. & statist., American Univ. Beirut, 59-61; ASST. PROF., Haile Selassie, 65-66, Indust. mgt. & statist., Missouri, St. Louis, 66-67; MGT. & QUANTITATIVE METHODS, AMERICAN UNIV. BEIRUT, 68- Consult, UN Indust. Develop. Orgn., Vienna, summer 68. Acad. Mgt. Soc. Adv. Mgt. Comparative management; managerial problems and practices in third world countries and development of managerial resources in those countries. Publ: Co-auth. Equipment replacement policies among selected Texas banks, Bur. Bus. Res., Univ. Tex., 60; auth. Development of managerial resources for industrializing countries, Adv. Mgt. J., 7/65. A view of Pakistan's industrial development, Asian Survey, 12/65. Address: Dept. of Business Administration, American University of Beirut, Beirut, Lebanon.
- RICHARD, DR. WAYNE CAMMER, b. Winchester, Va., Nov. 28, 34; m. 59; c. 3. CLINICAL PSYCHOLOGY. B.S., Va. Polytech, 56, M.S., 57; M.A., George Peabody Col., 63, Ph.D. (clin. psychol.), 66. Chem. process design engr., Union Carbide Chem. Corp., 57-61; res. asst. ment. retardation, George Peabody Col., 61-63; psychol. asst., 63-64, asst. prof. spec. ed., 66-68; intern. clin. psychol., Univ. Florida, 65; superv. psychol. & ed. res. State Dept. Ed. Tenn., 66; ASST. PROF. spec. ed., FLORIDA, 68-70, CLIN. PSYCHOL. & SPEC. ED., 70- Res. psychologist, Nashville Mem. Health Center, summer 68. AAAS; Coun. Except. Children; Psychol. Assn. Development of self concept in children's relationships between self concept and philosophy of human nature and personal adjustment; process of social change in groups. Publ: Co-auth. Attitudes and attitude change in guidance institute participants, Couns. Ed. & Supr., 66; Searching behavior in the retardate as a function of exposure time and matrix size, Am. J. Ment. Deficiency & The alteration of intellectual performance after lateralized brain-injury in man, Psychonomic Sci., 67. Address: Dept. of Clinical Psychology, University of Florida Teaching Hospital, Gainesville, Fla. 32601.
- RICHARDS, DR. JAMES OLIN. British & Modern European History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- RICHARDSON, DR. D. W. b. Baltimore, Md., Mar. 17, 43. FINANCE, ECONOMICS. B.S., Fla. State, 63, M.B.A., 64, Ford Found. fel. & Ph.D. (finance), Texas, Austin, 68. Lectr. finance, Fla. State, 65; financial analyst, Martin Marietta Corp., summer 65; instr. finance, Texas, Austin, 65-67; asst. prof. finance & assoc. prof. econ. ST. EDWARD'S, 67-69, EXEC. V.PRES. & CHIEF FINANCIAL OFFICER, 69- Res. assoc. econ. bur. res. Texas, Austin, summer 66 & 68. Consult, Republican Party & Republican Party's Task Force on Human Rights & Responsibilities, 67-; Am. Bankers Assn., 69- Econ. Assn; Finance Assn; Mgt. Assn. Long range planning; application of technology; commercial banking; monetary cybernetics. Publ: Electronic money: evolution of an electronic funds transfer system, M.L.T., 70; co-auth. Innovations in the banking industry, Bur. Bus. Res., Univ. Tex. (in prep). Address: 505 W. Seventh St., Apt. 101, Austin, Tex. 78701.
- RICHARDSON, DR. DAVID (ONNER). Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- RICHARDSON, DR. HERBERT WARREN. Theology. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- RICHARDSON, PROF. IRVINE. Bantu Languages, Sociolinguistics. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang. Ling. & Philol.
- RICHARDSON, PROF. JACK. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 1016 Beechwood Lane, Vestal, N.Y. 13850.
- RICHARDSON, DR. JAMES (TROY), b. Charleston, S.C., Aug. 25, 41; m. 66. SOCIOLOGY, RELIGION. B.A. Tex. Tech. Col., 54, M.A., 55; Ph.D. (sociol.), Washington State, 60, Instr. SOCIOLOGY, Tex. Tech. Col., 58-68; ASST. PROF. NEVADA, 68- AAAS; Sociol. Assn. Social psychology attitudes and behavior, power and leadership; sociology of religion, institutional change and social psychology of religious innovators. Publ: Influence attempts and effective power, Sociometry; co-auth. Differentiation, restraint, and the asymmetry of power, Human Rel. & Sources of consistency of political opinion, Am. J. Sociol. Address: Dept. of Sociology, University of Nevada, Reno, Nev. 89507.
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- ROBERTS, PROF. EDWARD B(AER).** Management. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position: Prof. Mass. Inst. Tech., 70- Address: 17 Fellsmead Rd, Newton, Mass. 02159.

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- ROBERTS, DR. FRED STEPHEN. Combinatorial Mathematics, Mathematical Psychology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- ROBERTS, DR. HIBBERT RICE, b. San Francisco, Calif., July 22, 31; m. 60; c. 2. POLITICAL SCIENCE. A.B. Cornell, 53; A.M., Washington (Seattle), 57, Ph.D. (polit. sci.), 67. Asst. prof. POLIT. SCI., Whitman Coll., 62-66, ASSOC. PROF., 67-68; ILLINOIS STATE, 68-; ACTING CHM. DEPT., 69. Hill Found. summer faculty fel., 69. U.S.A.F., 54-55, Capt. Polit. Sci. Assn. Interaction of non-governmental organizations with the United Nations system. Address: Dept. of Political Science, Illinois State University, Normal, Ill. 61761.
- ROBERTS, PROF. MERRILL J. (JOSEPH). Economics. See L-Z Vol., 11th ed, Soc. & Behav. Vols. Change of address: 1230 Chatham Park Dr., Apt. F, Pittsburgh, Pa. 15216.
- ROBERTS, DR. MICHAEL CHARLES. Geography. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., Dept. of Geography, Simon Fraser University, Burnaby 2, B.C., Can.
- ROBERTS, DR. PAUL CRAIG. Economics. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69-; Dept. of Economics, University of New Mexico, Albuquerque, N.Mex. 87106.
- ROBERTS, DR. RAY (CROUSE), JR. Economics, Business Administration. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position & address: Prof. econ., 69-; Dept. of Economics & Business Administration, Furman University, Greenville, S.C. 29613.
- ROBERTS, DR. RONALD EDWARD, b. Chariton, Iowa, July 31, 39; m. 60; c. 2. SOCIOLOGY. B.A., Drake, 61; M.A., La. State, 64, Ph.D. (sociol.), 69. Res. asst. rural sociol., La. State, 62-63, spec. lectr. SOCIOL., 67-69; instr. Memphis State, 64-66; ASST. PROF., Graceland Coll., 66-67; NORTHERN IOWA, 69- Nat. Sci. Found. trainee, 68. Sociol. Assn.; Soc. Study Social Probs. Social foundations of Utopian social movements; social gerontology. Address: Dept. of Sociology, University of Northern Iowa, Cedar Falls, Iowa 50613.
- ROBERTS, PROF. WARREN, JR. Political Science. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position: Prof., 69-; Dept. of Political Science, Newcomb College of Tulane University, New Orleans, La. 70118.
- ROBERTS, DR. WARREN A. (LDRIKH). Economics, Political Science. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New information: Lectr., Sonoma State Coll., 68- Address: 176 Academy Lane, Sonoma, Calif. 95476.
- ROBERTS, WILLIAM KEITH. Industrial Psychology. See L-Z Vol., 11th ed, Soc. & Behav. Vols. Change of address: 2390 Highway I, Grafton, Wis. 53024.
- ROBERTSON, PROF. JAMES PATRICK SHINNIE, b. Oids, Alta, Oct. 31, 12; m. 37. PSYCHOLOGY. B.A., New Zealand, 33; M.A., 34; B.A., London, 46, Ph.D. (psychol.), 50. Res. psychologist, Netherne Psychiat. Hosp., Coulsdon, Eng. 48-52, head psychol. res. dept., 53-60, chief psychologist, 61-67; PROF. ABNORMAL & PERCEPTUAL PSYCHOL. & PSYCHOL. TESTS, TRENT, 68- Brit. Army, 40-46, Sgt. Fel. Brit. Psychol. Soc. Abnormal psychology, especially schizophrenic behavior; perceptual psychology, particularly tactual and pictorial perception. Publ.: Co-auth. A programmed course in psychiatry (12 vols), Documents Geigy, Eng. 65-68; auth. A study difficulties battery for student nurses, Netherne Hosp., Eng. 69; co-auth. Operant response rates and variability in chronic schizophrenia, Bull. Brit. Psychol. Soc., 65; plus others. Address: Dept. of Psychology, Trent University, Peterborough, Ont., Can.
- ROBINS, DR. ROBERT SIDWAR. Political Science. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 68-; Dept. of Political Science, Tulane University, New Orleans, La. 70118.
- ROBINSON, DR. DANIEL S. (OMMER). Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- ROBINSON, DR. DONALD EDWARD, b. Austin, Tex., July 14, 36; m. 59; c. 2. PSYCHOACOUSTICS, SENSORY PSYCHOLOGY. A.B., Texas, 57, M.A., 61, Ph.D. (psychol.), 63. Statistician, Bur. Census, U.S. Dept. Commerce, 59-60; res. scientist, defense res. lab., Univ. Texas, 60-63; sr. scientist, Tracor, Inc. 63-64; asst. prof. PSYCHOL. INDIANA, BLOOMINGTON, 64-69, ASSOC. PROF., 69- Acoustical Soc. Am. Psychophysical methods. Publ.: Co-auth. Effect of varying the interaural noise correlation on the detectability of, tonal signals, 63 & An explanation of masking level differences that result from interaural intensive disparities of noise, (in press), J. Acoustical Soc. Am.; Methodology in modern psychotics, in: Foundations of modern auditory theory, Acad. Press, (in press). Address: Dept. of Psychology, Indiana University, Bloomington, Ind. 47401.
- ROBINSON, DR. ERNEST LEROY, b. Richmond, Va., May 31, 40; m. 64; c. 1. SOCIAL PSYCHOLOGY. B.A., Richmond, 62, M.A., 64; Ph.D. (psychol.), Wayne State, 68. ASST. PROF. PSYCHOL., GA. STATE COLL., 68- Psychol. Assn. Cognitive structure; attitude change; group risk taking. Address: Dept. of Psychology, Georgia State College, 33 Gilmer St., S.E., Atlanta, Ga. 30303.
- ROBINSON, DR. FRANK B. (ENNETT). Speech Pathology, Psychology. See L-Z Vol., 11th ed, Soc. & Behav. Vols. Correction: Prof. & chmn., 66-; Dept. of Speech Pathology & Audiology, Western Michigan University, Kalamazoo, Mich. 49001.
- ROBINSON, DR. GORDON HEATH. Industrial Engineering. See 12th ed, Phys. & Biol. Vols.
- ROBINSON, PROF. HALBERT B. (ENEFEL). Psychology. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position & address: Prof. psychol. & dir., 68-; Developmental Psychology Lab, University of Washington, Seattle, Wash. 98105.
- ROBINSON, DR. JAMES B., New York, N.Y., Jan. 26, 43. PSYCHOLOGY. B.A., Swarthmore Coll., 64; M.A., Southern California, 68, U.S. Pub. Health Serv. fel., 68-69, Ph.D. (psychol.), 69. ASST. PROF. PSYCHOL., MT. ST. MARY'S COL. (CALIF.), 68- Role of verbal and nonverbal processes in human learning and memory. Address: Dept. of Psychology, Mt. St. Mary's College, 12001 Chalon Rd., Los Angeles, Calif. 90049.
- ROBINSON, DR. JAMES A. (ARTHUR). Political Science. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New information: Also v.pres. acad. affairs & provost, 69-; Ohio State University, 190 N. Oval Dr., Columbus, Ohio 43210.
- ROBINSON, DR. LEONARD H. (HARRISON). Sociology. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position: V.pres. acad. affairs, North Carolina Central, 69- Address: 114 Nelson St., Durham, N.C. 27707.
- ROBINSON, PROF. MARGARET C. b. Astoria, Ore., Nov. 23, 16. CLINICAL PSYCHOLOGY. M.A., Loyola (Ill.), 44, Ph.D. (clin. & exp. psychol.), 47- Lectr. psychol., Loyola (Ill.), 46-47; Ft. Wright Coll., 47-48; asst. prof., Maryhurst Coll., 48-50, assoc. prof., 50-52, prof. & chmn. dept., 52-59; prof. psychol. & dean women, Windsor, 59-63; res. fel. psychol. of personality, Sorbonne, 63-65; PROF. PSYCHOL., MARYLHURST COL., 65- Fulbright res. scholar, Belgium, 55-56; Cultural Fulbright Award, France, 56- Consult. Tektronix, Inc., 65- Dipl. clin. psychol., Am. Bd. Exam. Princl. Psychol., 58. AAAS; Psychol. Assn.; Intl. Union Psychol. Sci. Psychology of personality; perceptual research; personality and communication; mental health; developmental psychology. Publ.: Creative personality, Sheed, 63; co-auth. Toward the 21st century in higher education, Oregon State Univ., 67; auth. Personality and communication, Proc. Intl. Cong. Psychol., Moscow, 66. Address: Box 324, Marylhurst College, Marylhurst, Ore. 97036.
- ROBINSON, DR. MARIE J. Speech, Drama. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- ROBINSON, DR. NANCY L. (OU) (MAYER). Psychology. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position: Sr. res. assoc., develop. psychol. lab, Washington (Seattle), 69- Address: 5005 N.E. 45th St., Seattle, Wash. 98105.
- ROBINSON, DR. ORMSBEE W. (RIGHT). Sociology. See L-Z Vol., 11th ed, Soc. & Behav. Vols. Change of address: 15 Simsbury Rd., West Granby, Conn. 06090.
- ROBINSON, RICHARD G. (GEORGE). Clinical Psychology. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New information: Chief psychologist, Four Winds Hosp., 68- Address: 66 E. 80th St., New York, N.Y. 10021.
- ROBINSON, DR. THOMAS W. (EBSTER), b. Milwaukee, Wis., Feb. 9, 35; m. 62; c. 2. INTERNATIONAL RELATIONS. B.A., Carleton Coll., 57; M.I.A., Columbia, 59, Ph.D. (int. rels.), 69. Instr. govt. Dartmouth Coll., 64-65; RES. ANALYST, RAND CORP., 65- Vis. lectr. part-time, California, Los Angeles, 68- U.S.A., 65. Soc. Int. Law; Assn. Adv. Slavic Studies; Polit. Sci. Assn. Asian Studies; Intl. Studies Assn.; Peace Res. Soc. International relations theory; Chinese government politics and foreign policy; Soviet government politics and foreign policy; Sino-Soviet relations; comparative Communism; computer applications to social sciences. Publ.: Chou En-lai's role in China's cultural revolution, 69, The Sino-Soviet border conflict, 70 & A political biography of Lin Biao, 70, Rand Corp. Address: Rand Corp., 1700 Main St., Santa Monica, Calif. 90406.
- ROBINSON, DR. WILLIS. Educational Psychology, Counseling. See L-Z Vol., 11th ed, Soc. & Behav. Vols. Change of address: U.S. International University, Elliott Campus, 8655 E. Pomerado Rd., San Diego, Calif. 92128.
- ROBINSON, DR. ROBERT K. (ILLIAN). Psychology. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New information: Asst. dir., grad. prog. pastoral counseling, Iona Coll., 69- Address: 151 W. 86th St., New York, N.Y. 10024.
- ROBINSON, DR. SOPHIA M. (OSES). Sociology, Social Psychology. See 11th ed, Soc. & Behav. Vols., deceased 69.
- ROBOCK, DR. STEFAN H. Economics. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position: Robert D. Calkins prof. int. bus., 69-; Graduate School of Business, Columbia University, New York, N.Y. 10027.
- ROCA, DR. PABLO. Educational Psychology. See L-Z Vol., 11th ed, Soc. & Behav. Vols. Change of address: 235 Sarto Ave., Coral Gables, Fla. 33134.
- ROCHE, DR. GEORGE CHARLES, III. Political Economy, Philosophy. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- ROCHESTER, DR. DEAN EDWARD, b. Chelan, Wash., Nov. 22, 26; m. 52; c. 2. PSYCHOLOGY. B.S., Fla. State, 51, M.S., 52, Ed.D. (counseling), 65. Psychologist, Hillsborough County Sch. Dist., 53-63; asst. prof. COUNSELING, SOUTHERN ILLINOIS, 65-68, ASSOC. PROF., 68- Instr., Tampa,



- 61-63. Ed. Res. Asn; Psychol. Asn; Personnel & Guid. Asn. Couns. Ed. & Supv. Counseling and psychotherapy: research and design. Publ: The persistence of attitudes and values of NDEA counselor trainees, *J. Counseling Psychol.* 11/67; Responses of phenomenological and Adlerian student on the TCA, *J. Counseling Psychol.* 11/68; Changes in counselor attitudes relative to teaching experience. In: *The School guidance worker*, Univ. Toronto, 69. Address: Dept. of Counseling, Southern Illinois University, Edwardsville, Ill. 62025.
- ROCKWAY, DR. MARTY (ROBERT). Experimental Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Tech. dir., 69-, Technical Training Division, Air Force Human Resources Lab, Lowry AFB, Colo. 80230.
- ROCKWOOD, PROF. CHARLES EDWARD. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New publ: National incomes policy for inflation control, Fla. State Univ., 69. Address: Dept. of Economics, Florida State University, Tallahassee, Fla. 32306.
- RODGERS, PROF. RAYMOND. Finance. See 11th ed, Soc. & Behav. Vols., deceased 68.
- RODGERS, DR. THEODORE STEPHEN. English Linguistics, Education. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang, Ling. & Philol.
- RODIN, DR. TIBOR S. b. Budapest, Hungary, May 10, 34; U.S. citizen; m. 56; c. 3. POLITICAL SCIENCE. B.A., Michigan, 64; M.A., Nebraska, 66, Ph.D. (polit. sci.), 69. ASST. PROF. POLIT. SCI., MORNINGSIDES COL., 68- Israel Air Force, 52-54; Polit. Sci. Asn. Internal and International relations of the Middle East. Address: Dept. of Political Science, Morningside College, Sioux City, Iowa 51106.
- RODNER, DR. KIM. b. Chicago, Ill., Aug. 3, 31; m. 61. SOCIOLOGY, ANTHROPOLOGY. B.A., Mich. State, 56; M.A., 59, Ph.D. (sociol., anthropol.), 62; Nat. Woodrow Wilson fel., California, Berkeley, 56-57. Instr. soc. sci. & chmn. dept., Lansing Community Col., 59-63; asst. prof. sociol., Oregon, 63-65; ASSOC. PROF. SOCIOL. & ANTHROPOL., Parsons Col., 65-67; Carleton Col., 67- Consult. med. sch., Oregon, 65. Mem. Nat. Cmn. Community Health Serv., 64-65. U.S.N., 49-50. Sociol. Asn. Sociological theory: political sociology; cultural evolutionary theory; American society; Latin American sociological analysis. Publ: Logical foundations of social change theory, *Sociol. & Soc. Res.* 4, 67. Address: Dept. of Sociology & Anthropology, Carleton College, Northfield, Minn. 55057.
- RODRIGUEZ, DR. ALEJANDRO, b. Caracas, Venezuela, Feb. 5, 18; m. c. 1. CHILD PSYCHIATRY, PEDIATRICS. M.D., Venezuela, 41. Instr. psychiat. & pediat. SCH. MED. HOPKINS, 52-63; asst. prof., 63-67, ASSOC. PROF. PEDIAT. ASSOC. PROF. CHILD PSYCHIAT. & DIR. DIV. CHILD PSYCHIAT., 67- Consult., Villa Maria, Cath. Charities, Md., 62-; bd. consult., Children's Guild, 67- Psychiat. Asn.; Orthopsychiat. Asn. Address: Dept. of Pediatrics, Johns Hopkins University, 725 Wolfe St., Baltimore, Md. 21205.
- ROESSLER, PAUL A. Social & Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Coordinator, intergovt. affairs, Bur. of Indian Affairs, U.S. Dept. of Interior, 70- Address: 6731 Greentree Rd., Bethesda, Md. 20834.
- ROETT, DR. RICHARD J (JOSEPH) A (LENNY), III, b. New York, N.Y., Sept. 10, 38. POLITICAL SCIENCE. A.B., Columbia, 59, M.I.A., 62, Nat. Defense Ed. Act fel., 63-64, Ford Found. fel., 64-66, cert., 67, Ph.D. (polit. sci.), 68; Fulbright grant, Brazil, 62-63; univ. fel., Mass. Inst. Tech., 66-67. ASST. PROF. POLIT. SCI., VANDERBILT, 67- Polit. Sci. Asn.; Latin Am. Studies Asn.; Int. Studies Asn. Latin American political modernization; political development; international politics. Address: Box 1711, Station B, Vanderbilt University, Nashville, Tenn. 37203.
- ROGERS, DR. CECIL (ARTHUR), JR. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-, Dept. of Psychology, University of Arizona, Tucson, Ariz. 85721.
- ROGERS, DR. DANIEL CARL, b. Los Angeles, Calif., Sept. 12, 39; m. 65; c. 1. ECONOMICS. B.A., Princeton, 62; univ. trustees fel. & M.A., Yale, 63, Nat. Sci. Found. & Manpower Admin. fel. & Ph.D. (econ), 67. Res. fel., econ. inst. develop. studies, Univ. Col., Nairobi, Kenya, 67-68; ASST. PROF. ECON. & ED. TEACHERS COL., COLUMBIA, 68- Lectr., manpower planning course, Econ. Cmn. for Africa, summer 68. Consult., World Bank Mission to Kenya, 68, World Bank, 69-70. Econ. Asn. Economic development; economics of education and human resources in the development process; manpower and educational planning; economics of population; labor economics. Publ: Private rates of return to education in the United States: a case study, *Yale Econ. Essays*, spring 69. Address: Dept. of Economics & Education, Teachers College, Columbia University, New York, N.Y. 10027.
- ROGERS, DR. DAVID, b. Boston, Mass., Apr. 17, 30; m. 60; c. 2. SOCIOLOGY. A.B., Harvard, 53, fel. 56-58, Soc. Sci. Res. Comm. fel., 58-59, Ph.D. (sociol.), 60, Princeton, 53. Asst. prof. sociol. grad. faculties, Columbia, 59-62; ASSOC. PROF. SOCIOL. & MGT. GRAD. SCH. BUS. ADMIN., N.Y. UNIV., 62- Consult., N.Y. Urban Coalition; Human Resources Admin.; Los Angeles Urban Coalition on Ed. Sociol. Asn. Politics of school reform in New York City; new urban coalitions as a way toward education reform; politics and administration of inner city manpower programs. Publ: 110 Livingston Street: politics and bureaucracy in the New York City schools, *Random*, 69 & An exploratory study of inter-organizational relations, U.S. Dept. Labor, 69; co-auth., Sociology and the business establishment, *Am. Sociol. Asn. & Russell Sage Found.* 70. Address: New York University Graduate School of Business Administration, 68 Trinity Place, New York, N.Y. 10006.
- ROGERS, DR. DOROTHY. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New publ: Issues in child psychology, 69 & Readings in child psychology, 69, Brooks/Cole; Test manual for issues in adolescent psychology, Appleton, 69. Address: Dept. of Psychology, State University of New York College at Oswego, Oswego, N.Y. 13126.
- ROGERS, PROF. HERBERT (FRANCIS). Religion, Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- ROGERS, DR. JON GUY, b. Kansas City, Kans., Jan. 17, 38; m. 62; c. 2. PSYCHOLOGY, ADMINISTRATIVE SCIENCE. A.B., Kans. State Teachers Col., 60; M.A., Arkansas, Fayetteville, 63; Nat. Sci. Found. res. fel., Fla. State, 63; Nat. Defense Ed. Act fel., New Mexico, 66-67, Ph.D. (psychol.), 67. Asst. prof. psychol., Hendrix Col., 62-65; mem. faculty, Ark. State Teachers Col., 65; mem. human factors staff, Sandia Labs, N.Mex., 66; res. psychologist, Marshall Space Center, NASA, Huntsville, Ala., 67-68; ASST. PROF. PSYCHOL., ALABAMA, HUNTSVILLE, 68- Mem. adv. planning group human eng. off. adv. res. & tech., NASA Hq., 67-69. Consult., Sandia Labs, 68-67; NASA, Huntsville, 68-69. NASA rep. Mgt. Panel Proj., Tekitte, 68-69; mem. Tri Serv. Working Group, 68-; mem. State Psychol. Dev. Rehab., Ala., 69- Human Factors Soc. Human learning; information processing; incentive management and human factors applications in aerospace technology. Publ: Human-system locomotion controller criteria for extraterrestrial vehicles, *Nat. Conf. Extravehicular Activities*, 68; Input and output of systems of learning-to-learn, *J. Exp. Psychol. & Simulation in development of space hardware*, Human Factors Bull., 1/70. Address: Dept. of Psychology, University of Alabama in Huntsville, P.O. Box 1247, Huntsville, Ala. 35807.
- ROGERS, DR. LINDSAY. Politics, Government. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 88 Morningside Dr., New York, N.Y. 10027.
- ROGERS, ROBERT OLIVER, b. Tenn; m. c. 1. ECONOMICS, AGRICULTURAL ECONOMICS. B.S., California, Berkeley, 43; M.A., Washington State, 51; M.A., Chicago, 57. Agr. economist, U.S. Bur. Reclam., 46-53; State, DEPT. AGR., 53-59, staff economist, 59-68, DIR. PROG. PLANNING & EVAL. STAFF, 69- U.S.N., 43-46, Lt. Econ. Asn.; Agr. Econ. Asn.; Int. Econ. Asn. Land and water resource development; production economics research; program planning and evaluation research. Publ: Co-auth., Irrigated farms in a subhumid cotton area—Income potential and development problems, 56 & auth., Economic variables affecting research on feed and livestock, 64, Agr. Res. Serv., U.S. Dept. Agr.; Economic and social consequences of different rates of adoption of new technology by farmers, *Southern Agr. Workers J.*, 59. Address: 2348 N. Early St., Alexandria, Va. 22302.
- ROGERS, DR. ROSEMARIE STRAUSSNIER, b. Klagenfurt, Austria, Oct. 7, 36; m. 64. POLITICAL SCIENCE. Dipl. Italian, Innsbruck, 56; Austrian Ministry Ed. fel., Sorbonne, 56-57; Fulbright scholar, Texas, Austin, 57-58, M.A., 60; Am. Coun. Learned Soc. grant, Ling. Inst. Ann Arbor, Mich., summer, 59; Vienna, 60-61; univ. fel., Mass. Inst. Tech., 61-62, grant, 65, Ph.D. (polit. sci.), 67. Asst. Texas, Austin, 58-59; MASS. INST. TECH., 59-60 & 62-67, instr. POLIT. SCI., 67-68, ASST. PROF. 68- Instr., Tufts, 67-68; mem. res. staff center int. studies, Mass. Inst. Tech., 67- Ford Found. faculty res. fel., polit. sci., Am. Philos. Soc. Penrose Fund grant and Cambridge Proj. res. grant, 69-70. Austrian del., Williamsburg Int. Assembly, Va., summer 60. Acad. Polit. & Soc. Sci.; Asn. Pub. Opinion Res.; Polit. Sci. Asn. Public opinion and propaganda; mass media; multiethnic societies, particularly Canada and Soviet Union. Publ: How Russians read their press: patterns of selection in Pravda and Izvestia, M.I.T., 68; co-auth., Communication media (Soviet aspect), In: *The Soviet system and democratic society: a comparative encyclopedia*, Herder, 67; auth., *The Soviet audience wants and gets more from its media*, *Journalism Quart.*, winter 69-plus others. Address: Dept. of Political Science, Massachusetts Institute of Technology, Cambridge, Mass. 02139.
- ROGERS, PROF. WILLIAM (CECIL). International Relations. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also dir., continuing ed. in urban affairs, Minnesota, Minneapolis, 67- Address: 143 Orin St. E., Minneapolis, Minn. 55414.
- ROGERS, DR. WILLIAM R (AYMOND) JR. Religion, Psychology. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- ROGSTAD, DR. BARRY KENT, b. Winchendon, Mass., Sept. 14, 40; m. 64; c. 1. ECONOMICS. A.B., Clark, 62, M.A., 63; Nat. Sci. Found. fel. & Ph.D. (econ), Brown, 68. SR. ASSOC. ECONOMIST, PLANNING RES. CORP., 68- Econ. Asn. International capital movements and economic growth; application of planning, programming and budgeting systems and management information systems to foreign affairs programming. Address: 12213 Village Square Terr., Rockville, Md. 20852.
- ROHDE, DR. GARY E, b. Neillville, Wis., Oct. 24, 38; m. 60; c. 2. AGRICULTURAL ECONOMICS, ECONOMICS. B.S., Wis. State, River Falls, 60; M.S., Wisconsin, Madison, 66, Nat. Defense Ed. Act fel. & Ph.D. (agr. econ), 66. Asst. prof. agr. econ, WIS. STATE, RIVER FALLS, 66-68, ASSOC. PROF. AGR. ECON. & ASST. TO DEAN COL. AGR., 69- Agr. Econ. Asn. International trade and cooperatives; marketing; cooperatives; agricultural policy; land and food problems of the world. Publ: *Cooperation*, Univ. Wisconsin, 69. Address: Dept. of Agricultural Economics, Wisconsin State University, River Falls, Wis. 54022.
- ROHLOFF, DR. ALBERT (CHRISTIAN). Mathematical Statistics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. mkt. anal., 68-, Lever Brothers Co., 390 Park Ave., New York, N.Y. 10022.
- ROHN, DR. ARTHUR H (ENRY), JR. Anthropology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. & chmn., 70-, Dept. of Anthropology, Wichita State University, Wichita, Kans. 67208.
- ROHRER, PROF. WAYNE C (URRY). Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New publ: Black profiles of white Americans, Davis, 70. Address: Dept. of Sociology, Kansas State University, Manhattan, Kans. 66502.
- ROHRLICH, DR. GEORGE (FRIEDRICH). Economics, Government. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also dir., 68-, Institute for Social Economics & Policy Research, Temple University, Philadelphia, Pa. 19122.

- ROHRMAN, DR. NICHOLAS LEROY. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 69-, Dept. of Psychology, Florida State University, Tallahassee, Fla. 32306.
- ROHTER, DR. IRISA S. b. Chicago, Ill. Aug. 27, 38; m. 64. POLITICAL SCIENCE. B.S. Ill. Inst. Tech., 60; M.A., Mich. State, 64; Ph.D. (polit. sci.), 67. Asst. instr. polit. sci., Mich. State, 63-64, res. assoc. comput. prog., 64; POLIT. SCI., Oregon, 64-65; instr., Wisconsin-Milwaukee, 65-67; vis. asst. prof., California, Berkeley, 67-68; ASST. PROF. HAWAII, 68- Fel. psychol. & polit. prog., Yale, 69-70. Polit. Sci. Assn. Political psychology: research methods and techniques. Publ.: The righteous rightists, *Trans-Action*, 5/67; Social and psychological determinants of radical rightism, In: *The American right wing*, Holt, 69; The genesis of political radicalism, In: *Learning about politics: studies in political socialization*, Random, 70. Address: Dept. of Political Science, University of Hawaii, Honolulu, Hawaii 96822.
- ROLAND, DR. BILLY C. b. Greenville, Tex. Apr. 3, 27; m. 48; c. 3. EXPERIMENTAL PSYCHOLOGY. B.A., Baylor, 52, M.A., 57; Ph.D. (psychol.), Houston, 66. Instr. PSYCHOL., EAST TEXAS STATE, 55-66, asst. prof., 66-69, ASSOC. PROF., 69-, faculty res. grants, 67-69. U.S.M.C., 45-49, S/Sgt. Psychol. Assn. Perceptual processes; psychophysics. Publ.: Relationship between GSR, heart rate and reversibility of a necker cube, *Perceptual & Motor Skills*, 2/70. Address: Dept. of Psychology, East Texas State University, Commerce, Tex. 75428.
- ROLLIN, PROF. A(LBERT) ROBERT. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: R.R. 3, Box 106, Storrs, Conn. 06268.
- ROLLINGS, DR. JAMES WILLIAM, b. Delphos, Kans. Feb. 6, 33; m. 53; c. 3. COUNSELING, GUIDANCE. B.S., Kans. State Teachers Col., 55; M.A., Missouri-Kansas City & Nat. Defense Ed. Act summer fel., Kansas, 59; Ed.D. (guid.), Colorado, 67. Teacher & coach, pub. schs., Kans., 55-57, counsr., 57-60; psychometric consult., div. guid. servs., Colo. Dept., 60-65, consult. guid., counseling & testing, 65-68; assoc. prof. & dir. bur. ed. measurement, Kans. State Teachers Col., 68-70; ASST. REGIONAL DIR., AM. COL. TESTING PROG., 70- Consult. Ed. Professions Develop. Act, U.S. Off. Ed., 67, Proj. Impact, 68; Midwest States Ed. Info. Proj., Iowa, 67-68. Nat. Coun. Measurement in Ed., Asn. Measurement & Eval. Guid. Development, scoring and processing of testing; intensive group activities; data processing development. Address: American College Testing Program, Suite 515, Capitol Mall, Sacramento, Calif. 95814.
- ROLLINS, DR. JAMES A. b. Casewell, Ark. Sept. 16, 31. PSYCHOLOGY. B.S., Arkansas, 54, M.A., 55; Nat. Defense Ed. Act fel., Boston, 63-64, univ. fel., 64-65, Ed.D. (counseling), 68. Sch. psychologist, Canal Zone Govt., 61-62; counsr., Longwood Univ. Sch. Dist., 62-63; admin. asst., pupil personnel, pub. schs., Mass., 64-65; coordinator psychol.-ed. clin., Boston Univ., 55-66; counseling psychologist, Rhode Island Col., 66-68; ASSOC. PROF. PSYCHOL., STATE COL. ARK., 68- Summer ed. counsr., Vandenberg Air Force Base, 63; training supt., Boston Univ., 64; guest prof., Tennessee, 65. Psychol. Assn.; Personnel & Guid. Assn.; Asn. Counr. Ed. & Supv.; Nat. Voc. Guid. Assn. Counseling effectiveness. Address: Dept. of Psychology, State College of Arkansas, Conway, Ark. 72032.
- ROLLINS, DR. JOAN HELLER, b. New York, N.Y. Feb. 8, 37; div. c. 2. SOCIOLOGY. B.A., Goucher Col., 54; M.A., Fordham, 61; Ph.D. (soc. psychol.), Oklahoma, 70. Asst. surv. dir., Opinion Res. Corp., 59-60; res. asst. soc. psychol., inst. group rels., Oklahoma, 63-66; ASST. PROF. PSYCHOL., R.I. COL., 66- Nat. Ed. Assn. Ethnic groups; attitudes; group dynamics. Address: Dept. of Psychology, Rhode Island College, Providence, R.I. 02908.
- ROLLINS, DR. ROBERT L(EROY), Jr. b. Farmville, N.C. Feb. 16, 32; m. 55; c. 2. PSYCHIATRY. A.B., North Carolina, 52; M.D., Duke, 56. Chief psychiatrist, U.S. Air Force Hosp., Maxwell Air Force Base, Ala., 60-62; private practice psychiat., Fla., 63-64; N.C., 64-66; dir. residency training, DOROTHEA DIX HOSP., 66-67. SUPT., 66- ASSOC. REGIONAL DEP., N.C. DEPT. MENT. HEALTH, 68- Adj. assoc. prof., N.C. State, 66-; clin. assoc. prof., North Carolina, 68- U.S.A.F., 61-63, Capt. Am. Med. Assn.; Psychiat. Assn.; Soc. Assn.; Pub. Health Assn. Management techniques; milieu therapy. Publ.: Treatment of female inebriates at Dorothea Dix Hospital, 61 & co-auth., Bromide ingestion in alcoholics, 68, N.C. Med. J., auth., Can public mental hospitals meet the competition? N.C. J. Ment. Health, 69. Address: Dorothea Dix Hospital, Raleigh, N.C. 27602.
- ROLLMAN, DR. GARY BERNARD, b. New York, N.Y. Nov. 9, 41; m. 67. EXPERIMENTAL PSYCHOLOGY. A.B., Rochester, 62; M.A., Pennsylvania, 63, Nat. Coun. Combat Blindness fel., 63-65, U.S. Pub. Health Serv. fel., 64-65, Ph.D. (psychol.), 67. Res. asst. PSYCHOL., Pennsylvania, 62-63, 65-67; Nat. Inst. Ment. Health res. fel., Princeton, 67-69, vis. lectr., 69; ASST. PROF., WESTERN ONTARIO, 69- Nat. Res. Coun. Can. res. grant, 69-; Faculty Soc. Sci. Res. Fund res. grant, 69- AAAS; Psychol. Assn. Optical Soc. Am. Sensory psychology, especially the cutaneous senses and vision, psychophysics; perception. Publ.: Electrocutaneous stimulation: psychometric functions and temporal interaction, 69 & Detection models; experimental tests with electrocutaneous stimuli, 69, *Perception & Psychol.*; Perception a la mode, *Contemporary Psychology*, 69. Address: Dept. of Psychology, University of Western Ontario, London, Ont. Can.
- ROLSTON, DR. RODRICK R. b. Sheldon, Iowa, Aug. 7, 31; m. 55; c. 2. SOCIOLOGY. B.A., Manchester Col., 54; B.D., Bethany Sem., 58; M.A., Northern Illinois, 60; Nat. Sci. Found. fel., Colorado, summer, 62; Ph.D. (sociol.), Iowa State, 66. Teacher, high sch., Ill., 58-60; sociologist, Ill. Training Sch. Boys, 61; instr. sociol. & anthropol., Manchester Col., 61-63; sociol. Iowa State, 64-66; asst. dir. center community res. & develop., Bradley, 66-67; asst. dean continuing ed., 67-68; ASST. PROF. SOCIOL., WIS. STATE, PLATTEVILLE, 68- Dir. community study proj., Ill., 66-68. Consult. Off. Econ. Opportunity Community Action Agency, Peoria, Ill., 66-67; evaluative consult., Ill. Ment. Health Training Lab, 67; consult., school desegregation study team, Peoria, 67-68; Ill. Human Rel. Cms., 68-69; Grant County Planning Cmn., Wis., 69.
- Sociol. Assn.; Nat. Coun. Family Rel. Familial interaction patterns in the human aging process; sociology of community oriented case studies; outline of the development of scientific sociological theory for undergraduates. Address: Dept. of Sociology & Anthropology, 213 Brigham Hall, Wisconsin State University, Platteville, Wis. 53818.
- ROMACK, DR. REX ALAN, b. Rose Hill, Ill. July 5, 31; m. 67. SCHOOL PSYCHOLOGY. A.B., Ill. Col., 55; M.S., Eastern Illinois, 61; Ed.D. (ed. psychol.), Nebraska, Lincoln, 67. Student personnel asst., Nebraska, Lincoln, 63-65; asst. prof. ed. & dir. counseling, testing, scholars, financial aids & instr. rel., Nebr. Wesleyan, 65-67; assoc. prof. psychol. & assoc. dean students, Northern Arizona, 67-68; dean student personnel serv., Boise State Col., 68-69; ASSOC. PROF. PSYCHOL., NORTHERN IOWA, 69- Psychol. Assn. Personality; student personnel. Address: Dept. of Psychology, University of Northern Iowa, Cedar Falls, Iowa 50613.
- ROMAN, DR. C(OSTIC). Management. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: Ford Foundation, P.O. Box 98, Ramna, Dacca 2. East Pakistan.
- ROMAN, DR. PAUL MICHAEL, b. Gouverneur, N.Y. Nov. 19, 42; m. 69. SOCIOLOGY, SOCIAL PSYCHIATRY. B.S., Cornell, 64, Ph.D. (orgn. behav.), 68. Res. assoc. orgn. behav., Cornell, 66-68; ASST. PROF. SOCIOL., Georgia, 68-69; TULANE, 69- Assoc. res. consult., Christopher D. Smithers Found., 68- Socio. Assn.; Soc. Study Social Probs; Geront. Soc. Labeling theory of deviance; etiology of alcohol and drug addictions; etiology of schizophrenia; Alcoholics Anonymous; family psychopathology; industrial and community psychiatry; mental health of the aged. Publ.: Co-auth., Schizophrenia and the poor, 67 & Deviant drinking and the job, 70, Cornell Univ. Psychiatric sociology, Sci. House, 70. Address: Dept. of Sociology, 21 Newcomb Hall, Tulane University of Louisiana, New Orleans, La. 70118.
- ROMANI, DR. JOHN H(ENRY). Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: V. chancellor, 69-. University of Wisconsin, Milwaukee, Wis. 53201.
- ROME, DR. BEATRICE K. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- ROME, DR. SYDNEY C. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- ROMOFF, HARVEY M(ICHAE)EL. Economics, Statistics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Mgr. dept. res., 69-, Canadian Pacific Railway Co., Montreal 3, Que., Can.
- ROMOSER, DR. GEORGE K(ENNETH). Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof., 69- & chmn., 68- Dept. of Political Science, University of New Hampshire, Durham, N.H. 03824.
- RONAGHY, DR. HASEN ALI, b. Fassa, Iran, Dec. 10, 31; m. c. 2. AGRICULTURAL ECONOMICS. B.S., Shiraz, 58; M.S., Southern Illinois, 62; Ph.D. (agr. econ.), Wisconsin, 69. Inspector, Ministry of Ed. Iran, 56-59, instr. agr., 59-60; ASST. PROF. ECON., YOUNGSTOWN STATE, 69- Iranian Army, 51-53, Lt. Marketing research for major agricultural commodities in Iran. Address: Dept. of Economics, Youngstown State University, 410 Wick Ave., Youngstown, Ohio 44503.
- ROOKS, DR. ILLA, b. Carroll Co. Ga. Oct. 6, 20. GUIDANCE & COUNSELING. A.B., Ed. Georgia, 41, M. Ed., 48, Ed.D. (human growth & develop. counseling), 57. Teacher, Lavonia Pub. Schs., 41-43; Loganville High Sch., 43-44; Robert E. Lee Inst., 44-51, chmn. dept., 49-51, counsr., 50-51; instr. Ed. FOUND. & COUNSR. ED., GEORGIA, 51-57, ASST. PROF., 58- Nat. ed. Kappa Delta Epsilon Current, 67-70. AAAS; Personnel & Guid. Assn.; Asn. Counsr. Ed. & Supv.; Nat. Voc. Guid. Assn.; Nat. Employment Counsr. Assn.; Psychol. Assn.; Voc. Assn. Vocational development; teacher education. Publ.: Georgia Association of School Counselors code and ethics, Ga. Assn. Sch. Counsr., 64; ed., Proceedings of first state conference on vocational aspects of counselor education, May 23-24, 1968, Ga. Dept. Ed., 68; auth., Childhood vocational development, Ga. Ed. J., 12/66. Address: Town House Apt. 15, S. Lumpkin St., Athens, Ga. 30601.
- ROOS, DR. LESLIE LEON, Jr. Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Political Science, Northwestern University, Evanston, Ill. 60201.
- ROOS, DR. NORALOU PRESTON, b. Pomona, Calif., Apr. 21, 42; m. 63; c. 1. MANAGEMENT, POLITICAL SCIENCE. A.B., Stanford, 62. Woodrow Wilson & Nat. Defense Ed. Act fcls. & Ph.D. (polit. sci.), Mass. Inst. Tech., 68. ASST. PROF. polit. sci., Mass. Inst. Tech., 68-69; ORGN. BEHAV., NORTHWESTERN, 70- Polit. Sci. Assn. Organizational behavior; public administration; American government; political development. Publ.: Co-auth., Secondary analysis in developing areas, *Pub. Opinion Q.*, 67. Students and politics change in a modernizing society, *Admin. Sci. Quart.*, 70. Address: Dept. of Organizational Behavior, Graduate School of Management, Northwestern University, Evanston, Ill. 60201.
- ROOS, DR. PHILIP. Experimental Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Exec. dir., Nat. Assn. Retarded Children, 68- Address: 6600 Boulevard E, West New York, N.J. 07093.
- ROOSE, DEAN KENNETH D(AVIS). Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: V. pres., Am. Coun. on Ed., 68- Address: 8106 Thoreau Dr., Bethesda, Md. 20804.
- ROOSEVELT, PROF. PAUL HAMILTON, b. Albion, Ill. Mar. 23, 26; m. 49; c. 2. SPEECH & HEARING. B.S., Eastern Illinois, 59; M.A., Northwestern, 52; Ph.D. (speech path.), Southern Illinois, 59. Speech therapist, pub. schs., Kansas, Ill., 50-52, instr. SPEECH PATH., EAST TEXAS STATE, 52-56, asst. prof., 58-60, assoc. prof., 60-64, PROF., 64- U.S.M.C., 44-46, Sgt.



- Speech & Hearing Assn. Auditory perception; speech development in retardates; speech discrimination. Address: Speech & Hearing Clinic, East Texas State University, Commerce, Tex. 75428.
- ROOT, DR. ROBERT TALLMADGE, b. North Adams, Mass., July 5, 31; m. 58; c. 1. **PSYCHOLOGY**. A.B. Harvard, 54; M.A. Minnesota, 56; fel. Maryland, 59, Ph.D. (psychol.), 62. Res. asst., Human Resources Res. Off., 56-58; teaching asst. exp. & introd. psychol., Maryland, 58-60; staff psychologist, Dunlap & Assocs., 60-61; proj. dir., U.S. Army Personnel Res. Off., 61-63; asst. proj. dir., support sys. res. div., U.S. Army Health Sys. Res. Lab., 63-67; staff psychologist, HRB-SINGER, INC., PA, 67-68, BR. MGR., 68- AAAS: Psychol. Assn. Applied visual research; driver behavior; attitude measurement; man-computer interaction. Publ: Sr. auth., Further validation of subjective scales for loudness and brightness by means of cross-modality matching. *Am. J. Psychol.* 78: 285-289; Man-computer communication in image interpretation, 9: 521-528 & co-auth., A method of rank ordering system design alternatives using an analysis of variance model, 10: 5-10, Human Factors. Address: 637 Wilshire Dr, State College, Pa. 16801.
- ROREME, DR. CLARENCE RUFUS. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Independent health consult, 69- Address: 15 Charles St. New York, N.Y. 10014.
- RORER, DR. LEONARD G(EO)RGE, b. Dixon, Ill., Dec. 24, 32; m. 69; c. 2. **PSYCHOLOGY**. B.A. Swarthmore Col., 54; Ph.D. (psychol.), Minnesota, Minneapolis, 63. RES. ASSOC. **PSYCHOL.**, ORE. RES. INST., 62- Adj. asst. prof., Oregon, 66-67; Nat. Insts. Ment. Health spec. res. fel., California, Berkeley, 67-68. Clin. psychologist & consult. vet. admin., 68- AAAS: Psychol. Assn. Eugenics Soc.; Soc. Multivariate Exp. Psychol. Human judgment and decision making models; personality theory and assessment; classification and treatment of psychopathology. Publ: The great response style myth, 65 & co-auth., An analysis of variance model for the assessment of configural cue utilization in clinical judgment, 68, *Psychol. Bull.* & Optimum cutting scores to discriminate groups of unequal size and variance, *J. Appl. Psychol.* 66. Address: Oregon Research Institute, P.O. Box 3196, Eugene, Ore. 97403.
- RORHOLM, PROF. NIELS, b. Nakskov, Denmark, Apr. 14, 22; U.S. citizen; m. 51; c. 2. **ECONOMICS**, **RESOURCE ECONOMICS**. Ph.D. (econ), Minnesota, 54. Res. asst. agr. econ., Minnesota, 49-53, instr., 53-54; asst. prof., RHODE ISLAND, 54-56, asst. prof. & head, econ. & bus. admn., 56-57, PROF. **FOOD & RESOURCE ECON.** & **CHMN. DEPT.**, 57- Mem. rev. group sea grant proj. proposals, Nat. Sci. Found., 68- Agr. Econ. Assn., Nat. Security Indust. Assn.; Nat. Planning Assn. Marine economics, particularly economic impact of marine activities in the Coastal Zone. Publ: Economic impact of Narragansett Bay, 63 & co-auth., Economic impact of marine-oriented activities—Southern New England, 67, Univ. Rhode Island & Socio-economic study of Narragansett Bay, Rhode Island, Fed. Water Pollution Control Admin., U.S. Dept. Interior, 69. Address: Dept. of Food & Resource Economics, 128 Woodward Hall, University of Rhode Island, Kingston, R.I. 02881.
- ROSANDER, DR. (R)LYN (C)USTER. Mathematical Statistics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Independent consult, 69- Address: 732 Harrington Rd, Rockville, Md. 20852.
- ROSCOE, DR. JOHN H. Geography. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 20 Holden Court, Portola Valley, Calif. 94025.
- ROSE, DEAN ROBERT EUGENE, b. Vandalia, Mo., Feb. 24, 28; m. 53; c. 2. **MARKETING**, **BUSINESS ADMINISTRATION**. B.A. Colo. State Col., 50, M.A., 52; Ph.D. (bus. ed.), Iowa, 63. Coordinator distributive ed., Arvada High Sch., Colo., 52-53; from instr. to assoc. prof. mkt. & bus. admin., Boise Jr. Col., 53-65; prof. mkt. & chmn. div., Boise Col., 65-68; dean sch. bus. & pub. admin., Boise State Col., 68-70; DEAN SCH. BUS. & ECON., WEBER STATE COL., 70- Nat. Bus. Ed. Assn. Marketing education; teacher training. Publ: Weakness in vocational education for sales and related occupations, Nat. Bus. Ed. Assn. Yearbook, 68; The open door, Balance Sheet, 68. Address: School of Business & Economics, Weber State College, Ogden, Utah 84403.
- ROSEBOROUGH, DR. HOWARD E(R)NEST. Sociology. See 11th ed, Soc. & Behav. Vols., deceased 69.
- ROSEDALE, DR. (M)ARILYN YVONNE, b. Buffalo, N.Y., Feb. 1, 34. **SPEECH PATHOLOGY**, **AUDIOLOGY**. B.Sc. Marquette, 56; A.M. Temple, 58; Ph.D. (humanities), 66. ASSOC. PROF. **SPEECH PATH.** & **SWAHILI**, STATE UNIV N.Y. COL. GENESEO, 66. Defense lcls, Inst. African Studies, Duquesne, 66 & 67; Speech & Hearing Assn. Language disintegration; syntactic functioning in the aging process; remediation of severe language problems in intellectually potentially normal children. Publ: Response to a test for aphasia of an apparently non-neurologically damaged geriatric population, Dissertation Abstracts, 66. Address: Dept. of Speech Pathology, State University of New York College at Geneseo, Geneseo, N.Y. 14454.
- ROSEN, DR. ALBERT. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Co-dir., White Oak Psychol. Center, 68- Address: 917 S. Belgrade Rd, Silver Spring, Md. 20902.
- ROSEN, DR. HARVEY S, b. Cleveland, Ohio, Mar. 5, 42; m. 65; c. 2. **ECONOMICS**. B.B.A., Western Reserve, 64, Nat. Defense Ed. Act fcls, 64-69, M.A., 67, Ph.D. (econ), Case Western Reserve, 69; California, Berkeley, 65-69- Consult., Cent. Nat. Bank, Cleveland, 68-70; N.A.M. Lumber Co., 68-; Sindell, Sindell, Bourne, Markus, 69- Econ. Assn. Monetary theory: foreign exchange; international trade. Publ: Dissertation abstract, Appalachian Inst. Rev. spring 69; Measuring Cleveland's business activity, Cent. Econ. Letter, 2/69; A euro-dollar primer, Cent. Nat. Bank of Cleveland Econ. Letter, 7/69. Address: Dept. of Economics, Cleveland State University, Cleveland, Ohio 44115.
- ROSEN, DR. LAWRENCE, b. Philadelphia, Pa., June 20, 37; m. 62; c. 2. **SOCIOLOGY**. B.S. Drexel Inst., 60; M.A. Temple, 63, Ph.D. (sociol.), 68. Instr. chem, Drexel Inst., 60-63; lectr. **SOCIOLOG.**, Temple, 65-67; instr., Smith Col., 67-68, ASST. PROF., 68-69; TEMPLE, 69- Mem. adv. bd. dir., Int. Library Surv. Res., 68-69. Sociol. Assn. Soc. Study Social Probs. Crime and delinquency; deviance; methods of research; statistics. Publ: Co-auth., Mate selection in the upper class, *Sociol. Quart.*, spring 66 & An evaluation of the Lander approach to ecology of delinquency, fall 67 & auth., Matriarchy and lower class Negro delinquency, fall 69, Soc. Probs. Address: Dept. of Sociology, Temple University, Philadelphia, Pa. 19122.
- ROSEN, MARTIN M. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Pres., First Wash. Securities Corp., 69- Address: 2115 Paul Spring Rd, Alexandria, Va. 22307.
- ROSEN, PROF. SANFORD JAY. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Ref. & Law.
- ROSENAU, DR. NORAH, b. Buenos Aires, Argentina, Dec. 23, 33; U.S. citizen; m. 55; c. 1. **PSYCHOLOGY**. A.B. Douglass Col., Rutgers, 56; Ph.D. (soc. psychol.), N.Y. Univ., 64. Sr. tech. aide soc. psychol., Bell Tel. Labs., N.J., 58-63; res. assoc. guid. ed., upgrading proj., teachers col., Columbia, 64-65; asst. prof. psychol., Newark Col. Arts & Sci., Rutgers, 65-67; RES. & WRITING, 67- Psychol. Assn. Attitudes and attitude change; personality development; social learning. Publ: Co-auth., Social and cultural foundations of guidance: a sourcebook, Holt, 66; Dissonance or defensiveness?, *J. Personality*, 64. Address: 3880 Fairlawn Dr, Columbus, Ohio 43220.
- ROSENBERG, ALLEN (B)ERYL, b. Hampton, Va., June 13, 34; m. 58; c. 2. **ECONOMICS**, **LABOR ECONOMICS**. B.S. Wilkes Col., 56; M.S. Illinois, Urbana, 57; Utah, 59; Pittsburgh, 62-69. Asst. to dir., Labor Mgt. Citizens Cmt., Wilkes-Barre, Pa., 57; employ. mgr. Hamberger's of N.J. Div., R.H. Macy's, N.Y., 57-69; instr. econ., WEST LIBERTY STATE COL., 62-65, asst. prof. econ. & labor econ., 65-68, ASSOC. PROF. **ECON & LABOR ECON.** & **HEAD DEPT. ECON.**, 68- Dir. PROJ. AWAKE, 69- Labor-mgt. consult, 62-U.S.A., 58-60. Labor-management relations; regional economics; labor-management consulting. Address: Dept. of Economics, School of Business, West Liberty State College, West Liberty, W.Va. 26074.
- ROSENBERG, DEAN GUY LOUIRE, b. Moline, Ill., Apr. 3, 35; m. 58. **COUNSELING & VOCATIONAL PSYCHOLOGY**. B.S. in Ed., Western Illinois, 57, M.S. in Ed., 60; Ph.D. (student personnel), Iowa, 69. Teacher, elem. sch., Ill., 57-58; asst. guid. Western Illinois, 58-59, instr. & head res., Hursh Hall, 60-62, guid. counslr., Jr. high sch., Ill., 59-60, placement counslr., Iowa, 65-66, ASSOC. PROF. **PSYCHOL.** & **DEAN OF STUDENTS**, PERU STATE COL., 66- Mem. develop. proj. cmt. & pres. prog. cmt. on student affairs, Nebr. State Col. Syst., 69-70; vchmn. adv. cmt. Nebr. Am. Col. Testing Prog., 69- The study of undergraduate academic advising in university settings; factor analytic studies of the Minnesota multiphasic personality inventory using experimentally independent scales. Address: Office of the Dean of Students, Peru State College, Peru, Nebr. 68421.
- ROSENBERG, DR. HERBERT H(ARRIS). Political Science, Economic Development. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. of resources anal., 68-, National Institutes of Health, Room 4031 Bldg. 12-A, 9000 Wisconsin Ave., Bethesda, Md. 20814.
- ROSENBERG, DR. J. MITCHELL. Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: lectr. polit. sci., New Sch. Soc. Res., 70- New publ.: Jerome N. Frank: jurist and philosopher, *Philos. Libr.*, 70- Address: 901 Ave. H, Brooklyn, N.Y. 11230.
- ROSENBERG, DR. LEON A(ARON). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Dir. res. Martin Luther King Jr. Parent & Child Center, 68- Address: 9008 Samoset Rd, Randallstown, Md. 21133.
- ROSENBERG, PROF. LEONARD BOYNE, b. Newark, N.J., July 26, 27; m. 59. **POLITICAL SCIENCE & HISTORY**. B.S. N.Y. Univ., 48; M.A., Seton Hall, 55; M.A., New Sch. Soc. Res., 60, Ph.D. (polit. sci.), 67. Chmn. dept. soc. sci., high sch., N.J., 53-67; PROF. **POLIT. SCI.**, PATERSON STATE COL., 67- William A. Whitehead award, 67-68; mem. Center Study Democratic Insts., 68- Polit. Sci. Assn. Development of political parties and institutions; study of the world of the founding fathers, especially the formation of the United States Constitution. Publ: The failure of the Socialist Party of America, *Rev. Polit.*, 7/69, A new look at America's first constitution, *Int. Rev. Hist. & Polit. Sci.*, 12/69 & Constitutional supremacy, an early advocate of judicial review, *Duquesne Law Rev.*, 12/69. Address: 3 Elizabeth Court, Maywood, N.J. 07601.
- ROSENBERG, LOUIS. Sociology, Statistics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Emer. res. dir. & res. consult., 69-, Canadian Jewish Congress, 493 Sherbrooke St. W., Montreal, Que., Can.
- ROSENBERG, DR. MERVIN, b. Bayonne, N.J., Apr. 22, 25; m. 53; c. 5. **PSYCHIATRY**. B.A. Ohio State, 49; M.D., Manitoba, 55. Private gen. practice, 55-62; res. psychiat. inst. of Living, Hartford, Conn., 62-64, chief res., 64-65, res. psychiatrist, 65-67; med. coordinator, Constitution Plaza, Inc., Travelers Ins. Co., 67-69; private practice psychiat., 69- U.S.A., 43-46. Psychiat. Assn.; Am. Med. Assn. The use of computers in medical record keeping with special emphasis on the psychiatric record for use in clinical decision making. Publ: Co-auth., The computer and the clinical decision process, 5: 595-599 & Automation of behavioral observations on hospitalized psychiatric patients, 8: 926-929, Am. J. Psychiatry; Attitudes of nursing students toward computers, *Nursing Outlook*, 7: 44-46. Address: Constitution Plaza, Inc. 1 Constitution Plaza, Hartford, Conn. 06103.
- ROSENBERG, DR. STANLEY DAVID, b. New York, N.Y., Mar. 30, 44; m. 68; c. 1. **SOCIOLOGY**, **SOCIAL PSYCHOLOGY**. B.S. Cornell, 65; fel. Yale, 67-68, Ph.D. (sociol.), 68. ASST. PROF. **PSYCHIAT. SOCIOLOG.**, DARTMOUTH MED. SCH., 68. Sociol. Assn. Social psychiatry; small groups; culture and personality. Publ: Co-ed., Readings in the sociology of small groups, Prentice-Hall, 70; auth., Hospital culture as collective defense, 2/70 & co-auth., The new neo-Freudians: psychoanalytic dimensions of social change, (in press), Psychiatry. Address: Dept. of Psychiatry, Dartmouth Medical School, Dartmouth College, Hanover, N.H. 03755.

- ROSENBERGER, DR. HOMER TOPE. History. See 5th ed, Dir. Am. Scholars, Vol. 1, Hist.
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- SADOCK, DR. BENJAMIN. Medicine, Psychiatry. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- SADOSKY, DR. THOMAS LEE. Industrial Engineering, Human Factors. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
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- SAGARIN, DR. EDWARD, b. Schenectady, N.Y. Sept. 18, 13; m. 36; c. 1. SOCIOLOGY, CRIMINOLOGY. B.A. Brooklyn Col, 61, fel, 61-62; Ph.D. (sociol), N.Y. Univ, 66. Lectr. SOCIOL, Brooklyn Col, 62-63; Pratt Inst, 63-64; CITY COL. NEW YORK, 64-66; ASST. PROF. 66-, summer faculty res. grant. 68. Consult, Inst. Sex Res. Soc. Criminol. (v-pres, 68-); Sociol. Assn; Nat. Coun. Crime & Delinquency; Acad. Polit. & Soc. Sci. Soc. Sci. Study Sex. Deviant behavior including sex deviance; crime and delinquency sex behavior; minority groups. Publ: The anatomy of dirty words, Lyle Stuart, 62; ed. Sex and the contemporary American scene, Ann. Am. Acad. Polit. & Soc. Sci, 68; auth. Odd man in: societies of Deviants, Quadrangle, 69. Address: 57 Lincoln Rd, Brooklyn, N.Y. 11225.
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- J. Financial & Quant. Anal. 3/69 & Urban area water consumption: analysis and projections, Quart Rev. Econ. & Bus. summer 69. Address: Center for Business & Economic Research, Kent State University, Kent, Ohio 44240.
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- study; defense department organization; national strategy and policy making procedures. Publ. History of the U.S. Naval War College, Naval War Col, 60; The Ivy clad man on horseback, In: Growth and development of aerospace power, U.S. Air Force, 67; Strategic theory and action: the southern flank of NATO, In: NATO in the seventies, Univ. Missouri, 70. Address: Office of International Studies, University of Missouri, 8001 National Bridge Rd, St. Louis, Mo. 63121.
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- SCHROEDER, DR. WILLIAM WIDICK. Sociology of Religion, Social Ethics. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- SCHTEN, DR. EDWARD (VICTOR). Public Administration. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. polit. sci., univ. exten., 69- & dir., 68-, Institute of Governmental Affairs, University of Wisconsin, Madison, Wis. 53706.
- SCHUBERT, DR. DANIEL SVEN PAUL, b. Buffalo, N.Y., Sept. 28, 35; m. 69. PSYCHIATRY, PSYCHOLOGY. B.A., Buffalo, 55; M.D., State Univ. N.Y., Buffalo, 65; Ph.D. (psychol), Chicago, 69. RES. PSYCHIAT, YALE, 69- U.S.A., 66-69, Maj. Am. Med. Asn.; Psychol. Asn. Biological aspects of psychology and psychiatry; normal personality; clinical measurement, psychosomatic medicine; evaluation of therapy. Publ. Arousal seeking as a motivation for volunteering, J. Proj. Tech. & Personality Assessment, 64, Increase in palmar sweat gland activity by heat, Can. J. Physiol. & Pharmacol., 68 &

- Simple task rate as a direct function of diurnal S.N.S. predominance. *J. Comp. & Physiol. Psychol.* 69. Address: Dept. of Psychiatry, Yale University, 333 Cedar St, New Haven, Conn. 06510.
- SCHUBERT, DR. HERMAN J (ACOB) P(AUL). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 500 Klein Rd, Buffalo, N.Y. 14221.
- SCHUCKERT, DR. ROBERT FREDERICK. b. Caro, Mich, Oct. 3, 23; m. 44; c. 5. HUMAN DEVELOPMENT. B.A., Fla. South. Col. 63; M.A. Fla. State, 64. Ph.D. (child develop. psychol). 66. Asst. prof. child develop. Tennessee, 66-69; ASSOC. PROF. HUMAN DEVELOP & HEAD DEPT. ALABAMA, 69. U.S.A.A.F. 43-46, 2nd Lt. Psychol. Asst. Soc. Res. Child Develop; Nat. Comm. Family Rel. Sensory perception in children; behavior modification; preschool environmental effects. Publ: Spatial avoidance in albino rats as a function of post-irradiation confinement; *J. Genet. Psychol.* 70. Co-author. An experimental method of relating variations in teacher participation to measures of child fatigue in preschool & An attempt to modify the musical preferences of pre-school children, *J. Ed. Res.* 68. Address: 25 Woodland Hills, Tuscaloosa, Ala. 35401.
- SCHUCKMAN, DR. HAROLD. Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- SCHUERGER, DR. JAMES W. b. Cleveland, Ohio, Feb. 16, 32; m. 60; c. 2. PSYCHOLOGY, EDUCATION. A.B., John Carroll, 57; M.Ed., Kent State, 64. Ph.D. (counseling, measurement), 67. Dir. guid. Gilmour Acad, 64-68; RES. ASST. PROF. PSYCHOL. ILLINOIS, URBANA, 69. Lectr., Case West. Reserve, 67-68; res. proj. dir., Inst. Personality & Ability Testing, 68-70. Psychol. Asst.; Ed. Res. Asn. Multivariate behavioral research; personality assessment; human abilities. Publ: Counseling for college choice, Peacock, 70; co-auth. The validity for ninth grade achievement of the SSAT and other admission criteria in a private secondary school, *Ed. Psychol. Measurement*, summer 67 & Objective-analytic personality factors as correlates of school achievement, *Personality: an Int. J.* 5, 70. Address: 907 S. Sixth St, Champaign, Ill. 61801.
- SCHUERMAN, DR. JOHN R. b. Scottsbluff, Nebr., Feb. 27, 38; m. 65; c. 2. SOCIAL WORK. S.B., Chicago, 60. A.M., 64. M.S., 64. U.S. Soc. Worker, Ill. State Psychol. Inst., 63-65; ASST. PROF. SOC. WORK, CHICAGO, 68-. CONSULT, CENTER STUDY CRIMINAL JUSTICE, LAW SCH, 69-. Nat. Asn. Soc. Workers; Coun. Soc. Work Ed. Family interaction; psychiatric rehabilitation; methods of research in social welfare. Publ: Co-auth. Changes in social functioning of hospitalized psychiatric patients, *Soc. Serv. Rev.* 12/67. Address: School of Social Service Administration, University of Chicago, 969 E. 60th, Chicago, Ill. 60637.
- SCHUFLETOWSKI, DR. FRANK WALTER, b. Havre, Mont., Jan. 24, 40; m. 60; c. 2. HIGHER EDUCATION, SOCIO-PSYCHOLOGICAL MEASUREMENT & RESEARCH. B.A., Southwest Christian Sem., 60. Th.M., 61; M.A., Arizona State, 62; Ph.D. (higher ed. sociol.), Washington State, 65. Asst. prof. ED. RES., Idaho State, 65-68; KANSAS, 66-68; ASSOC. PROF., 69-. Statist. Asst.; Ed. Res. Asn. Problems of eliminating errors in psychological measurements; difficulties of precise communications; research pertaining to colleges and universities. Publ: Co-auth. Notes for introduction to education: a student guide, William Brown, 66; auth. Are college women satisfied with their equality and freedom?, *J. Col. Student Personnel*, 3/67; co-auth. The questionable foreign student, *Sch. & Society*, 4/13/68. Address: 1910 Miller Dr, Lawrence, Kans. 66044.
- SCHUL, DR. NORMAN WILLARD. Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Chmn. div. soc. & behav. sci., North Carolina, Charlotte, 68-. prof. geog. 69-. dir. inst. urban studies & community serv., 70-. Address: Division of Social & Behavioral Sciences, University of North Carolina at Charlotte, Charlotte, N.C. 28205.
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- SCHULMAN, DR. ABBOTT JAY. Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1108 Ridgcrest Rd, Richmond, Va. 23219.
- SCHULMAN, DR. ALLAN H. b. Philadelphia, Pa., Apr. 26, 42. PSYCHOLOGY. B.A., Temple, 64; M.S., Pa. State, 66. Ph.D. (psychol). 69. Res. asst. animal behav., Pa. State, 64-66; ASST. PROF. PSYCHOL., VA. POLYTECH, 69. Animal Behav. Soc. Int. Develop. Psychobiol. Comparative psychology; physiological correlates of social behavior imprinting. Publ: Co-auth. Characteristics of visual stimuli for initial approach response in neonatal chicks, 66 & auth. Imprinting training effects on hyperstriatal EEG and on heart rate variability in young chicks and turkeys, 69. Am. Zoologist. Address: Dept. of Psychology, Virginia Polytechnic Institute, Blacksburg, Va. 24061.
- SCHULMAN, DR. IRWIN J. b. Feb. 18, 32; U.S. citizen; m. 53; c. 3. POLITICAL SCIENCE, CHINESE STUDIES. A.B., Chicago, 51. A.M., 54; Ford Found. fel. Harvard, 57-58 & Acad. Sinica, 58-59; Ph.D. (govt.), Columbia, 67. Instr. POLIT. SCI., PITTSBURGH, 60-67; ASST. PROF., 67-. Fulbright-Hays res. fel. 68-69. Polit. Sci. Asn.; Asn. Asian Studies. Chinese politics, particularly Maoism; peasant movements. Address: Dept. of Political Science, University of Pittsburgh, Pittsburgh, Pa. 15213.
- SCHULTE, SISTER M. YOLANDE, O.S.F. b. St. Croix Falls, Wis., Mar. 12, 09. ECONOMICS, POLITICAL SCIENCE. B.A., Col. St. Teresa, 31; summer, Minnesota, 39; M.A., Catholic Univ., 40. Ph.D. (econ), 46; summer, Freiburg, Switz, 50. PROF. ECON. & SOC. SCI., COL. ST. TERESA (MINN), 42-. Econ. Asn. Labor and industrial relations; money and banking; consumer problems. Publ: Trends in the use of checks, 1900-1940; Wage theories before certain industry committees of the Wage and Hour Administration; Some economic and ethical aspects of protective legislation for the consumer, *Rev. Soc. Econ. Admin.* Dept. of Economics & Social Science, College of St. Teresa, Winona, Minn. 55987.
- SCHULTZ, PROF. DUANE P (HILIP). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Prof., North Carolina, Charlotte, 69-. on leave as vis. prof., Univ. Groningen, 70-. Address: 400 McAlway Rd, Charlotte, N.C. 28211.
- SCHULZ, DR. DAVID A. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. sociol. & sr. sociologist, 70-. Division of Urban Affairs, University of Delaware, Raub Hall, Newark, Del. 19711.
- SCHULZ, DR. JAMES H. b. Abington, Pa., July 20, 36; m. 58; c. 2. ECONOMICICS. B.A., Miami (Ohio), 58; Ph.D. (econ), Yale, 66. Asst. prof. econ, New Hampshire, 65-67; lectr., Tehran, 67-68; ASSOC. PROF., New Hampshire, 68-70; WELFARE ECON., BRANDEIS, 70-. Consult. U.S. Sec. Security Admin., 67; U.S. Senate Spec. Cmt. Aging, 69-70; Am. Asn. Retired Persons, 69-. U.S.N., 58-61, Lt. (jg). Econ. Asn.; Geront. Soc. Public finance; social welfare; economics of aging. Publ: The economic status of the aged in 1980, Soc. Security Admin.; 68; Private pensions—their effects on the economics of aging, U.S. Senate Spec. Cmt. Aging, 70; A dynamic social security system for the U.S., Int. Soc. Security Rev., 70. Address: Florence Heller Graduate School, Brandeis University, Waltham, Mass. 02154.
- SCHULZ, DR. PETER, b. Berlin, Germany, Dec. 16, 35; U.S. citizen; m. 62; c. 2. GEOGRAPHY. B.S., Shippensburg State Col., 63; M.A., Illinois State, 66; Ph.D. (geog.), Illinois, 70. ASST. PROF. GEOG., CINCINNATI, 70-. U.S.A.F., 58-62. Asn. Am. Geog. Soc. Photogram. Political and urban geography; viability studies; central and eastern Europe; remote sensing of the environment. Address: Dept. of Geography, University of Cincinnati, Cincinnati, Ohio 45221.
- SCHULZ, RUSSEL E. b. Okemos, Mich., June 18, 29. EXPERIMENTAL PSYCHOLOGY. B.A., Mich. State, 56, M.A., 58. RES. SCIENTIST, HumRRO, 58-. U.S.A., 49-52, S/Sgt. Asn. Aviation Psychol. Military training psychology; task analysis; human factors research. Publ: Co-auth. A preliminary investigation of techniques for constructing a training war game model which minimizes the time needed for umpire functions, HumRRO, 12/61. Job activities and training for selected aviation maintenance personnel, Appendix I, In: Board of Inquiry report on the army logistics system, HumRRO Consult. Report, 5/66; The effect of time on spontaneous alteration in the rat, *J. Genet. Psychol.* 89, 11-25. Address: 1112 Holiday Lane, Ozark, Ala. 36360.
- SCHULZE, DR. ROLF HEINZ KURT. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 69-. Dept. of Sociology, San Diego State College, San Diego, Calif. 92115.
- SCHUMAIER, DR. C. (PIETER). Agricultural Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Transportation economist, 70-. Office of the Secretary, U.S. Dept. of Transportation, Washington, D.C. 20590.
- SCHUPACK, PROF. MARK B (ARRY). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn., 69-. Dept. of Economics, Brown University, Providence, R.I. 02912.
- SCHUPPER, DR. FABIAN X (ERKES). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Chief psychologist, 70-. Roosevelt Hospital, 428 W. 58th St, New York, N.Y. 10019.
- SCHURMAN, DR. DONALD L. b. Big Spring, Tex., June 16, 38; div. c. 4. PSYCHOLOGY. A.B., Texas, Arlington, 65; Nat. Defense Ed. Act fel., Illinois, 65-68; Ph.D. (psychol), 70. ASST. PROF. PSYCHOL., EMORY, 69. Perception and psychophysics, especially visual processes and behavioral effects of intense magnetic fields. Publ: Co-auth. Choice reaction time as a function of response uncertainty, stimulus uncertainty, and behavioral hypotheses, 67 & Masking phenomena and time-intensity reciprocity for form, 68, *J. Exp. Psychol.*; Summation and interaction of successive and simultaneous stimuli in visual perception, *Am. J. Psychol.* 69. Address: Dept. of Psychology, Emory University, Atlanta, Ga. 30322.
- SCHUSTER, DEAN LOUIS HOWARD, b. West Haven, Conn., July 25, 09; m. 42; c. 2. BUSINESS ADMINISTRATION, MANAGEMENT. B.S., Ohio State, 33; M.B.A., 40, South. Fels. award & Ph.D. (mgt. bus. ed.), 56. Instr. econ., Livingston Col., 34-37; teacher, high sch., Ohio, 37-40; instr. bus. admin., Va. State Col., 40-58, assoc. prof. bus. admin. & chmn. div. bus., 50-58; prof. & dir. div. bus., Tennessee State, 58-63; prof. bus. admin., Ghana, 63-64; N.Y. Univ. at Univ. Lagos, 64-66; DEAN FACULTY, MATTATUCK COMMUNITY COL., 67-. Small Bus. Admin. res. grant, 62-63; Ford Found. fel. Indiana, 63; Ford Found. summer fel. 62. Consult., Agency Int. Develop., U.S. Dept. State & N.Y. Univ. Nigerian Proj., 64. Mem., President's Cmt. Export Expansion, 64. Econ. Asn. Case studies research of black business; problems involving urban black business groups. Publ: Business enterprises of Negroes in Tennessee, Small Bus. Admin., 64. Address: Mattatuck Community College, 405 Highland Ave, Waterbury, Conn. 06708.
- SCHUTZ, DR. ROBERT R (UDOLPH). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Ed-in-chief, Annual Reviews, Inc., 69-. Address: 3587 La Mata Way, Palo Alto, Calif. 94306.
- SCHVANEVELDT, DR. ROGER W (WAYNE). b. Logan, Utah, Apr. 11, 41; m. 59; c. 1. EXPERIMENTAL PSYCHOLOGY. B.A. & Nat. Insts. Health fel., Utah, 63; M.S., Wisconsin, 65, Ph.D. (psychol), 67. ASST. PROF. PSYCHOL., STATE UNIV. N.Y. STONY BROOK, 67-. Summers, State Univ. N.Y. faculty fel., 68-69; grant-in-aid, 69-70. Psychol. Asn. Human information processing; perception of meaning; simultaneous task performance; information coding. Address: Dept. of Psychology, State University of New York at Stony Brook, Stony Brook, N.Y. 11790.



- SCHWAB, DR. PETER, b. New York, N.Y., Nov. 15, 40. POLITICAL SCIENCE. B.A. Fairleigh Dickinson, 62; M.A. New Sch. Soc. Res., 66, Ph.D. (polit. sci.), 69. Vol. Peace Corps, Liberia, W.Africa, 62-64; instr. hist. Fairleigh Dickinson, 64-66; ASST. PROF. POLIT. SCI., ADELPHI, 66- New Sch. Soc. Res. scholar, 66; adj. asst. prof. coop. col. center, State Univ., N.Y., 69- summers, Fulbright-Hays grant, Africa, 67, humanities grant, Adelphi, 68. African Studies Assn. Analyzing the political system in Ethiopia; study of Greece under the present military junta; Gambian politics. Publ: The Ethiopian Tax Structure, 2/68 & Selected bibliography on Ethiopia: politics and economics, 10/69. E.Africa J. The agricultural income tax and the changing role of parliament in Ethiopia, Geneva-Africa, Vol. VIII, No. 1. Address: Dept. of Political Science, Adelphi University, Garden City, N.Y. 11530.
- SCHWARTZ, BELLA. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: No longer with U.S. Dept. Labor. Address: 2222 Eye St. N.W., Apt. 601, Washington, D.C. 20037.
- SCHWARTZ, DR. CAROL HALPERT, b. New York, N.Y., Apr. 15, 39; m. 58; c. 3. ECONOMICS. B.A., N.Y. Univ., 59; Ph.D.(econ), Columbia, 63. Res. asst. Nat. Bur. Econ. Res., 60-62; LECTR. ECON., Brooklyn Col., 63-69; HOFSTRA, 70. Econ. Assn; Econ. Hist. Assn; Bus. Hist. Soc. Economic history, retail trade; consumer economics. Publ: Benjamin Rushmore, store-keeper, Babylon, N.Y., 1814-1819, J. L. Hist., fall 64. Address: 572 Patterson St., East Meadow, N.Y. 11554.
- SCHWARTZ, PROF. DAVID J. JR., b. Berne, Ind., Mar. 23, 27; m. 50; c. 1. MARKETING. M.B.A. Nebraska, 53; M.A., Ohio State, 54; Ph.D.(bus), 53. Instr. Bus. Assoc. State, 49-51; Ohio State, 51-53; asst. prof., Wayne State, 53-56; asst. prof., GEORGIA STATE, 56-59, PROF., 59- Co-dir, Suprvy. Mgt. Seminar; mem, Uniform Consumer Credit Study Cmt, Ga. Publ: The magic of thinking big, 59 & The magic of psychic power, 65. Prentice-Hall; co-auth, American business: an introduction, Harcourt, 1st ed, 64, 2nd ed, 70. Address: Dept. of Business, Georgia State University, 33 Gilmer St. S.E., Atlanta, Ga. 30303.
- SCHWARTZ, DR. EDWARD. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. res. reports staff, 69-, National Center for Health Services Research & Development, 4040 N. Fairfax Dr, Arlington, Va. 22203.
- SCHWARTZ, DR. FRED. Clinical & Experimental Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Head sect. psychol. div. psychiat., Montefiore Hosp. & Med. Center, New York, 68. Address: 1 Fawn Lane, Suffern, N.Y. 10901.
- SCHWARTZ, DR. HARRY (SWEITCHER). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: V-pres. & economist, Fed. Nat. Mortgage Assn, Wash. D.C., 69- Address: 8309 Loring Dr, Bethesda, Md. 20034.
- SCHWARTZ, DR. LEONARD (JULES). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Dir. Inst. Sensitivity Training & Ed. Prog., 68-; consult, New York City Bd. Ed., 69-; consult, Wyandanch Col. Center, 69- Address: 140 S. Windsor Ave., Brightwaters, N.Y. 11718.
- SCHWARTZ, SISTER M. CHRISTINA, I.H.M. Sociology. See CHRISTINA (SCHWARTZ), SISTER M., I.H.M., this Suppl.
- SCHWARTZ, DR. MILDRED (ANNE). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., 69-, Dept. of Sociology, University of Illinois at Chicago Circle, Chicago, Ill. 60680.
- SCHWARTZ, DR. MORTON, b. New York, N.Y., May 12, 31; m. 60; c. 2. POLITICAL SCIENCE. B.A. City Col. New York, 52; M.A., Columbia, 54; Ph.D.(polit. sci.), 63. Lectr. POLIT. SCI., Columbia, 61-62; ASST. PROF., CALIFORNIA, RIVERSIDE, 63- Am. Phil. Soc. res. grant, 67. Polit. Sci. Assn; Int. Studies Assn; Assn. Adv. Slavic Studies. Soviet foreign policy perceptions: comparative communist political systems with focus on Czechoslovakia. Publ: The 1964 presidential elections—through soviet eyes, West. Polit. Quart., 12/66; Czechoslovakia: toward one-party pluralism, Probs. of Communism, 1-2/67. Address: Dept. of Political Science, University of California, Riverside, Calif. 92502.
- SCHWARTZ, DR. RALPH (JEROME). Speech Pathology, Audiology. See 11th ed, Phys. & Biol. Vols. & Suppl. V.
- SCHWARTZ, DR. RONALD (MORTON), b. Philadelphia, Pa., Dec. 19, 35; m. 58; c. 2. PSYCHOLOGY. A.B. Temple, 57; Ph.D.(psychol), N.Y. Univ., 64. Instr. psychol. sch. commerce, N.Y. Univ., 60-63; proj. dir. indust. serv. Sci. Res. Assn, 63-65; staff consult. indus. div. Psychol. Corp., 65-69; V-PRES. KENDALL, BOWERS & SCHWARTZ, INC., 69- Adj. asst. prof., N.Y. Univ., 68-67; lectr., Baruch Col., City Univ. New York, 66- Psychol. Assn. Industrial and personnel psychology; employee attitudes and morale; executive selection, training and development. Publ: Psychological testing, In: Funk and Wagnall's standard reference encyclopedia, Standard Reference Library, 69. Address: 65 East End, New York, N.Y. 10028.
- SCHWARTZMAN, PROF. DAVID. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Part-time prof. community health & environ. med, State Univ. N.Y. Downstate Med. Center, 69- Address: 285 Central Park W, New York, N.Y. 10024.
- SCHWARZ, PROF. HENRY (GUENTER). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-, Dept. of Political Science, Western Washington State College, Bellingham, Wash. 98225.
- SCHWEITZER, DR. STUART O., b. Cleveland, Ohio, Dec. 27, 37; m. 66; c. 2. ECONOMICS. B.S., California, Los Angeles, 61; M.A., Berkeley, 64, Ph.D. (econ), 66. Asst. prof. econ, Wayne State, 66-69; MEM. RES. STAFF, URBAN INST., 69- Econ. Assn; Indust. Rels. Res. Assn. Labor market analysis. Publ: New evidence on problems of reemployment, Monthly Labor Rev., 8/67; Factors determining the interindustry structure of wages, Indust. & Labor Rels. Rev., 1/69. Address: Urban Institute, 2100 Mt. St. N.W., Washington, D.C. 20037.
- SCHWENGER, ROBERT B(EE), b. Ft. Wayne, Ind., Feb. 27, 06; m. 34; c. 4. ECONOMICS, INTERNATIONAL RELATIONS. B.A., Wisconsin, 28, fel., 28-30; fel., Geneva, 30-32; fel., Chicago, 32-33. Economist, for agr. serv. U.S. Dept. Agr., 34-60; dir. div. for econ. policy & spec. asst. to Asst. Sec. Int. Affairs, U.S. Dept. Labor, 60-68; RES. & WRITING, 67- Prof. Inst. Int. Econ. Studies, Stockholm, 64-65. Sec. Labor Career Serv. Award, 64. Econ. Assn; Agr. Econ. Assn. Changing intergovernmental trade discussion from an adversary process based on static nationalist postures to a cooperative process for facilitating the growth of the integrating world economy. Publ: International trade policy for a world growth economy, Giovanni Agnelli Found., Turin, Italy, 69; World agricultural policies and the expansion of trade, 2/45 & New concepts and methods in foreign trade negotiation, 12/69, J. Agr. Econ. Address: 4016 Dresden St., Kensington, Md. 20795.
- SCHWERTFEGER, DR. MARY JANE, b. Norfolk, Nebr., July 18, 21. EDUCATIONAL PSYCHOLOGY. B.A., Iowa State Col., 48; M.A., Iowa, 52; Ph.D. (ed.), Michigan, 60. Teacher preschool, Stephens Col., 48-50; Iowa Child Welfare Res. Sta., 52-56; disturbed preschool, Children's Psychiat. Hosp., UNIV. MICHIGAN, 57, preschool, univ. sch., 58-61; asst. prof. ED. SCH. ED., 61-65, ASSOC. PROF., 66- Nat. Inst. Ment. Health res. fel., 60-61; co-dir, Nat. Inst. Ment. Health Proj., 67-71. Ed. consult., Hawthorn Center, Northville, Mich., 61; Mott Child Health Center, Flint, 69-70. Soc. Res. Child Development; Psychol. Assn. Processes and impact of training teachers of young emotionally disturbed children; developmental and perceptual aspects of self identity in the child. Publ: Co-auth, The benefits of preschool intervention, Mich. Ed. J., 11/67; The training of teachers of disturbed preschool children, In: Interim report, Nat. Inst. Ment. Health, 67; The training and research evaluation of teachers of disturbed preschool children, In: Selected readings, Counc. Except. Children, 69. Address: 6 Parkway Place, Ann Arbor, Mich. 48103.
- SCHWIRIAN, DR. KENT P. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., 69-, Dept. of Sociology, Ohio State University, Columbus, Ohio 43210.
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- SCHWITZGEBEL, DR. ROBERT L. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Vis. asst. prof., Dept. of Psychology, Claremont Graduate School, Claremont, Calif. 91711.
- SCLOVE, DR. STANLEY LOUIS, b. Charleston, W.Va., Nov. 25, 40; m. 62. STATISTICS. A.B., Dartmouth Col., 62, univ. fel., 62-63; univ. fel., Columbia, 64-65, N.Y. State, univ. fel., 65-66, Ph.D.(math. statist.), 67. Summer math. statistician, lab. med. & biol. sci., div. air pollution, T-6 Center, U.S. Pub. Health Serv., Ohio, 62, 63, 64; summer consult., Dr. Robert Wolf, Mt. Sinai Hosp., N.Y., 65; res. assoc. STATIST., Stanford, 66-68; ASST. PROF., CARNEGIE-MELLON UNIV., 68- Sarah Mellon Scame Found. grant, 68-69. Consult., Evans Res. & Develop. Corp., N.Y., summer 65; Alcoa Res. Labs., Pa., 69. AAAS; Statist. Assn; Inst. Math. Statist. Regression and multivariate statistical analysis. Publ: Improved estimators for coefficients in linear regression, J. Am. Statist. Assn., 68; co-auth, Estimating the parameters of a convolution, 69 & Estimating the parameters of a linear function of a random variable, 70, J. Royal Statist. Soc. Address: Dept. of Statistics, Carnegie-Mellon University, Pittsburgh, Pa. 15213.
- SCOLLON, PROF. ROBERT (WILLIAM). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., Gannon Col., 70- Address: 3217 Pine Tree Terr., Erie, Pa. 16506.
- SCOLNICK, ADOLPH. Statistics, Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 236 Gold Kettle Dr., Gaithersburg, Md. 20760.
- SCOTT, PROF. ALAN, b. Marietta, Ohio, Nov. 21, 12; m. 40; c. 2. PUBLIC RELATIONS. A.B. & B.J. Missouri, 34, M.A., 38; D.Ed., Texas, 55. Ed., Exchange Mag. Calif., 39-41; asst. prof. journalism, California, 41-42; writer & ed. overseas radio div., Off. War Info. Calif., & N.Y., 42-45; asst. prof. JOURNALISM, Mich. State, 45-49; PROF. TEXAS, AUSTIN, 49- South-west inst., Dudley-Anderson-Yutzy Pub. Rels., N.Y., 55-; coordinator pub. info, Int. Cancer Cong., 69-70. Pub. Rels. Soc. Am.; Assn. Ed. Journalism. Education for public relations; curriculum content and preparation for profession. Publ: Co-auth, Contemporary public relations, Prentice-Hall, 55; auth, Secondary school journalism: current trends and practices, Univ. Texas, 56. Address: School of Communication, University of Texas, Austin, Tex. 78712.
- SCOTT, DR. BASIL Y., b. Barbados, B.W.I. Jan. 18, 25; U.S. citizen; m. 50; c. 2. ECONOMICS, PUBLIC ADMINISTRATION. B.A., City Col. New York, 48; M.A., Columbia, 49; M.B.A., Siena Col., 52; D.P.A., Syracuse, 62. Jr. actuary, New York City Employees Retirement Syst., 49-50; jr. statistician, N.Y. Tax Dept., 50-52, sr. statistician, 52-56, sr. res. analyst, 56-59, assoc. res. analyst, 59-60; dir. motor vehicle safety res. N.Y. DEPT. MOTOR VEHICLES, 60-64, admin. officer, 64-66, dir. prog. develop., 66-69, DEP. ADMIN. DIR., 69- Lectr., Siena Col., 59-68; adj. prof., Grad. Sch. Pub. Affairs, 62-64; lectr. State Univ. N.Y. Albany, 68- Statist. & comput. consult., Albany Med. Col., 59-61; mem. Nat. Hwy. Safety Adv. Coun., 69- Hwy. Safety Award, N.Y. Optim. Assn., 68. Sig. C.U.S.A., 43-46. Soc. Pub. Admin.; Polit. Sci. Assn. Admin. Mgt. Soc. Tax research, highway safety, motor vehicle administration. Publ: Co-auth, Final report on effect of group sessions in changing driver attitudes, Dept. Motor Vehicles, 3/68 & Driver licensing and vision re-examination in New York State, Traffic Digest & Rev., 8/68; auth, Present and future traffic accident records system in New York State's efforts to comply with federal standards, Safety, summer/fall 68. Address: Box 46, Elliot Rd., East Greenbush, N.Y. 12061.

- SCOTT, DR. DAVIS (ANTHONY), b. Mendota, Ill, July 7, 28; m. 51; c. 3. SPEECH PATHOLOGY, AUDIOLOGY. A.B. Grinnell Coll, 50; A.M. Indiana, 53; U.S. Off. Ed. fel, 65-66; Ph.D. (speech path, audiol), 67. Staff clinician, Indiana, 51-53; speech consult, Iowa State Teachers Col, 53-54; therapist, pub. schs, Iowa, 54-56; supr. speech & hearing, Ky. Crippled Children Cmn, 56-58; instr. speech path, Indiana, 58-66; PROF. & DIR. SPEECH PATH. & AUDIOL, MOORHEAD STATE COL, 66. Speech & Hearing Assn. (cert. clin. competence, 52); Speech Assn. Alex Graham Bell Assn. for Deaf; Cleft Palate Assn. Effects of unsensory and bimensory stimuli upon imitative speech behavior and upon auditory discrimination; public address in Indiana in the 1800's. Address: Dept. of Speech, Moorhead State College, Moorhead, Minn. 56560.
- SCOTT, PROF. FRANK A. (LEXANDER). Educational Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn, 69-, Dept. of Psychology, Radford College, Box 777, Radford, Va. 24141.
- SCOTT, DR. GUY. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Chief psychologist, 69-, Tulare Co. Mental Health Services, 1830 S. Mooney, Visalia, Calif. 93277.
- SCOTT, DR. JAMES CAMPBELL. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, polit. sci, Wisconsin, Madison. Address: 2440 Commonwealth Ave, Madison, Wis. 53711.
- SCOTT, PROF. JOHN C. (ARVER), JR. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: On leave from American Univ, as dir. sociol. & soc. psychol. prof, 70-, National Science Foundation, 1800 G St. N.W., Washington, D.C. 20550.
- SCOTT, DR. JOHN F. (OLEY). Personnel Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Chief gen. personnel policies sect, U.S. Civil Serv. Cmn, 69- Address: 7200 Exdar Rd, Bethesda, Md. 20014.
- SCOTT, DR. PETER DALE. English, Political Science. See 5th ed, Dir. Am. Scholars, Vol. II, Eng, Speech & Drama.
- SCOTT, DR. RICHARD CONROE, b. Waco, Tex, July 20, 34; m. 60; c. 2. MANAGEMENT. B.B.A. Baylor, 56; M.B.A. 65; D.B.A. Indiana, 68. ASSOC. PROF. MGT. DAVLOR, 68. Consult, Ward Records, Inc. 65; Off. Econ. Opportunity, 66; Gen. Dynamics Corp. & Advert. Mkt. Assocs, 69. U.S.N. 56-59, Res, 59-, Lt. Comdr. Acad. Mgt. Organization theory; organization behavior. Address: Hankamer School of Business, Baylor University, Waco, Tex. 76703.
- SCOTT, DR. TAYLOR CARVER, JR., b. Brandon, Fla, Dec. 30, 20; m. 47; c. 2. SOCIOLOGY. B.A. Florida, 47; M.A., 49; Ph.D. (sociol), Maryland, 67. Asst. social, Florida, 48-49; asst. prof, Ga. South. Col, 49-52; asst. Maryland, 52-53; instr. overseas div, 53-54, res. asst. & part-time instr. social, 54-56; asst. prof. social & head dept. Greensboro Col, 56-64; Centre Col, 64-66; Soc. Assn, 66-67. ASSOC. PROF. SOCIOL. & HEAD DEPT. SOCIOL. & ANTHROP. GA. SOUTH. COL, 67. Participant, Nat. Found. Inst. Anthropol, summer 62. U.S.A.A.F. 42-46, Capt. Social. Assn.; Geront. Soc. Social gerontology; social change; community social structure and change in a small Georgia town. Publ. Co-auth, Fact book on Maryland's aging People, Agr. Exp. Sta, 56 & Social change in a Georgia town 49-67. Marvin Pittman Essays, 69; auth. Review and evaluation of major sociological theories of aging, Ohio Valley Sociologists, 67. Address: Dept. of Sociology, Georgia Southern College, Statesboro, Ga. 30458.
- SCOTTON, PROF. DONALD W. b. Cheney's Grove Twp, Ill, Nov. 22, 19; m. 46; c. 3. BUSINESS ADMINISTRATION. B.S. Illinois, Urbana, 48; M.S. 50, Ph.D. (econ), 52. Transit teller, Continental Ill. Nat. Bank, Chicago, 37-41; mgt. trainee, Montgomery Ward & Co, 48; instr. mkt. Illinois, Urbana, 49-52, assoc. prof, 57-64, dir. & prof. correspondence study, 64-68; asst. prof. mkt. Detroit, 52-54, dir. prof. res. E.F. MacDonald Co, Ohio, 54-55, mgr. res. methods & sysys, Top Value Enterprises, 55-57; PROF. BUS. ADMIN. & CHMN. DEPT. CLEVELAND STATE, 68. U.S.N.R. 41-45. Mkt. Assn. Adult Ed. Assn. U.S. Inst. Decision Sci. Acad. Mgt. Address: Dept. of Business Administration, Cleveland State University, Cleveland, Ohio 44115.
- SCOVILLE, DR. JAMES GRIFFIN. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-, Institute of Labor & Industrial Relations, University of Illinois, 504 E. Armory Ave, Champaign, Ill. 61820.
- SCROGGS, DR. JAMES RUDOLPH, b. Baltimore, Md, Nov. 22, 31; m. 55; c. 2. ABNORMAL & SOCIAL PSYCHOLOGY. A.B. Northeastern, 55; B.D. Harvard, 58; Ph.D. (psychol. & pastoral counseling), Boston, 63. Prof. Psychol. CHOL, Chandler Sch. Women, 63-67; ASST. PROF. BRIDGEWATER STATE COL, 67. Psychol. Assn. Empathy; aesthetic and interpersonal; religious and ideological conversion; sensitivity training; interacial T-groups; rehabilitation of adult mental retardates. Address: Dept. of Psychology, Bridgewater State College, Bridgewater, Mass. 02334.
- SEARS, DR. ROBERT LISTON, b. Sasser, Ga, Oct. 3, 34. EDUCATIONAL PSYCHOLOGY. B.S. Ga. South. Col, 56; M.A. Georgia, 57, Ed.D. (ed. psychol), 67. Teacher & coach, Savannah Country Day Sch, Ga, 60-61; asst. training dir. Union-Camp Corp, 61-65; asst. prof. ed. psychol, Ga. Col, 67-69; ASSOC. PROF. ED. PSYCHOL. & DIR. FT. BENNING CENTER, COLUMBUS COL, 69. Intel. C. U.S.A., 57-60. Psychol. Assn. Teaching human learning and tests and measurement. Address: P.O. Box 6311, Columbus College, Columbus, Ga. 31907.
- SEATON, DR. RICHARD W. (ALLACE). Social Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. arch. & environ. psychologist, Office of Academic Planning, University of British Columbia, Vancouver 8, B.C., Can.
- SEAWALL, PROF. FRANK. Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Geography, Chico State College, Chico, Calif. 95926.
- SEBOR, PROF. MILOS M. Geography, City Planning. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also dir. planning progs, 68-, Graduate School, Eastern Kentucky University, Richmond, Ky. 40475.
- SEBUKTEKIN, DR. HIKMET I. Applied Linguistics, Turkish. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang, Ling. & Philol.
- SECHZER, DR. JERI ALTNEU. Physiological Psychology, Neuroanatomy. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- SECOR, DEAN PHILIP B. b. Mt. Kisco, N.Y. Dec. 12, 31; m. 55; c. 3. POLITICAL SCIENCE. A.B. Drew, 53, James B. Duke [cl], 57-58; M.A., 58, Ph.D. (polit. sci), 59. Participant exec. sect, Lilly Endowment Res. Prog. Christianity & Politics, Duke, 58-59; instr. polit. sci, Dickinson Col, 59-60, asst. prof, 61-64, asst. dean col, 62; asst. prof. polit. sci, Davidson Col, 63-65, assoc. prof, 65-67; ASSOC. PROF. POLIT. SCI. & DEAN COL., MUEHLBERG COL, 67-. Lectr. Piedmont Univ. Center, 66-67. Mem. Cmn. on Man, Med. & Theol, Lutheran Church in Am, 68. Mem. U.S.A., 53-55. Polit. Sci. Assn.; Assn. Adv. Slavic Studies. Political theory; Soviet politics. Publ. Co-auth, The North Carolina Speaker ban law, Ky. Law J. Vol. 55, No. 2 & Crime and punishment in Soviet Russia, In: Muehlenberg essays, Keller, 66; Academic freedom in political context, In: Law and Justice, Duke Univ, 70. Address: Muehlenberg College, Allentown, Pa. 18104.
- SEDRANSKY, DR. JOSEPH H. (HENRY). Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-, Dept. of Statistics, University of Wisconsin, 1210 W. Dayton St, Madison, Wis. 53706.
- SEEGARS, DR. JAMES EDWARD, JR. b. Charleston, S.C., Mar. 3, 31; m. c. 7. PSYCHOLOGY. A.B. The Citadel, 53, B.S. 55, Florida, 56-57; M.A. South Carolina, 59; Ph.D. Kentucky, 67. Counsr. Domestic Reels. & Juvenile Court, Charleston, S.C. 55; instr. psychol. South Carolina, 57-59; psychologist, counseling center, Univ. Kentucky, 59-63; ASSOC. PROF. PSYCHOL. CHMN. DEPT. & DIR. INSTNL. RES. CENTER, WOFFORD COL, 67. Clin. & intern. S.C. State Hosp. 57-55; psychologist, Lexington Child Guid. Clin. & res. psychologist, Vet. Admin. Hosp. Ky, 59-63. Intel. C. U.S.A.F. 53-55. Address: Dept. of Psychology, Wofford College, Spartanburg, S.C. 29301.
- SEELEY, DR. BURTON D. (AVIS). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Western Michigan University, Kalamazoo, Mich. 49001.
- SEELEY, JOHN R. (ONALD). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Independent consult, author & lectr, 69- Address: 8352 Vereda del Padre, Goleta, Calif. 93017.
- SEELYE, DR. ALFRED L. (E). Marketing. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Pres. & chmn. bd, 69-, Wolverine World Wide, Inc, 9341 Courtland Rd, Rockford, Mich. 49341.
- SEELYE, DR. BARBARA JANE, b. Peoria, Ill, Nov. 29, 30. SPEECH PATHOLOGY, COMMUNICATION THEORY. B.S. Eureka Col, 52; m. fel. & M.A. Denver, 55, univ. fel. & Ph.D. (speech path), 57. Teacher, Delavan Unit Schs, Ill, 52-55 & Forma Unit Schs, Manito, Ill, 56-57; teacher & exec. asst. mentally retarded diagnostics, Children's Speech Clin, Univ. Denver, 55-56; asst. speech correction ment. retarded, Washington (St. Louis), 57; instr. child psychiat, child eval. clin. sch. med, 58; instr. speech, ST. LOUIS, 59-61, dir. speech clin, 61-63, asst. prof. speech, 63-67. ASSOC. PROF. SPEECH & CHMN. DEPT. COMMUN. DISORDERS, 67- Consult, State Dept. Maternal & Child Health, Proj. Headstart, Mo. Sch. for Blind; Hope Lutheran Spec. Schs, Child Develop. Clin; Inter-dept. Adv. Cmt. on Spec. Ed, State Dept. Ed, Adv. Cmt. Title VI, Elem. & Sec. Ed. Act. Speech & Hearing Assn. Language problems of the community mentally retarded; executive management training; communication theory and clinical application. Publ. Co-auth, Factors associated with parental reaction to a clinic for mentally retarded children, Am. J. Ment. Deficiency, 61. Address: Dept. of Communication Disorders, St. Louis University, 15 N. Grand Blvd, St. Louis, Mo. 63103.
- SEEVERS, DR. GARY LEONARD, b. Jonesville, Mich, May 24, 37; m. 57; c. 4. AGRICULTURAL ECONOMICS. B.S. Mich. State, 59, M.S. 66, Ph.D. (agr. econ), 63. County exten. agent, Mich. State, 59-64; ASST. PROF. AGR. ECON, OREGON STATE, 68- Assoc. dir, Nat. 4-H Club Found, 62-63. Economet. Soc.; Econ. Assn.; Agr. Econ. Assn. Policy analysis relative to United States agriculture; international trade and foreign economic assistance. Publ. Eval. of the disincentive effect caused by P.L. 480, 8/68 & Cost of food aid to recipient countries, 12/69, Am. J. Agr. Econ. Address: Dept. of Agricultural Economics, Oregon State University, Corvallis, Ore. 97331.
- SEGAL, DR. AARON. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Ed. 69-, Adm. Report Magazine, Room 505, 866 United Nations Plaza, New York, N.Y. 10017.
- SEGAL, DR. BERNARD, b. New York, N.Y., May 9, 36; m. 62; c. 2. CLINICAL PSYCHOLOGY. B.B.A. City Col, New York, 60, M.S.E. 63; Nat. Inst. Ment. Health trainee, Oklahoma, 64-65, Ph.D. (psychol), 67. Statistician, N.Y. State Dept. Hyg. & Columbia Univ, 60-62; intern psychol. & res. asst, div. psychiat, Montefiore Hosp, Bronx, N.Y., 62-63; res. asst. exp. therapeut. med. & dept. psychiat, neurol. & behav. sci, med. center, Univ. Oklahoma & Cent. State Hosp, Norman, Okla., 63-64; psychol. trainee, Cerebral Palsy Center, Norman, 64-65; psychol. unit, dept. welfare, Oklahoma City, 65; intern PSYCHOL, dept. psychiat, neurol. & behav. sci, med. center, Univ. Oklahoma, 65-66, clin. asst, 66-67; ASST. PROF. PSYCHOL, RHODE ISLAND, 67-, consult, student health center, 67-68. Psychol. counsr. Psychiat. Treatment Center, New York, 62-63; psychol. trainee, intensive treatment unit, Cent. State Hosp, Norman, 63-64; coordinator, inserv. training, Dr. Joseph H. Ladd Sch, Exeter, R.I., 67- consult, Community Consult. Serv. Clin, Wakefield, R.I., 67-68. U.S.N. 60-62. A.A.A.S. Psychol. Assn. Ment. Deficiency. Address: Dept. of Psychology, University of Rhode Island, Kingston, R.I. 02881.



- SEGAL, DR. BERNARD ELLIOT, b. Boston, Mass, Mar. 9, 34; m. 56; c. 2. SOCIOLOGY. B.A., Dartmouth Col., 55; Ph.D.(sociol.), Harvard, 60. Instr. SOCIOL., Goucher Col., 60-62; asst. prof., DARTMOUTH COL., 62-66. ASSOC. PROF., 66. Prin. investr. Nat. Inst. Ment. Health grant, 61; community health br., Nat. Insts. Health, 64-66, co-investr., accident prev. br., 66; consult., state grant, Nat. Inst. Ment. Health Suicide Prevention Center, 68-69. Sociol. Assn. Medical sociology and social psychiatry; comparative sociology; racial and ethnic relations. Publ. Ed., Readings in racial and ethnic relations, Crowell, 66; auth., Epidemiology of emotional disturbance among college undergraduates, J. Nervous & Ment. Disorders, 66 & Dissatisfaction and desire for change among Chilean hospital workers, Am. J. Sociol., 69. Address: Dept. of Sociology, Dartmouth College, Hanover, N.H. 03755.
- SEGAL, DR. DAVID R(OBERT). Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 1329 Orkney Dr., Ann Arbor, Mich. 48103.
- SEGAL, DR. MORLEY, b. San Francisco, Dec. 17, 33; m. 54; c. 3. POLITICAL SCIENCE, PUBLIC ADMINISTRATION. A.B., San Francisco State Col., 57, M.A., 59; Ph.D.(polit. sci.), Claremont Grad. Sch., 65. Asst. prof., polit. sci., Calif. State Col., Hayward, 63-66; Am. Polit. Sci. Assn. cong. fel., 66-67; assoc. prof. GOVT. & PUB. ADMIN., AMERICAN UNIV., 67-70, PROF., 70-Consult., urban govt. proj., Wash. Cent. Metrop. Studies & urban data serv., Int. City Mgr. Assn., 69. U.S.A.-56. Polit. Sci. Assn. Acad. Polit. Sci. The legislative process. Publ. Co-auth., Study guide and student research guide for American politics, a systems approach, Holt, spirit, and soul. The million dollar misunderstanding interim assistance in the District of Columbia, Wash. Center Metrop. Studies, spring 70; The freedom of information act and political science research, Polit. Sci. Newsletter, fall 69. Address: 23 W. Cedar St., Alexandria, Va. 22301.
- SEGALMAN, DR. RALPH. Social Work, Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: On leave from Univ. Tex. as vis. prof., 69-70, School of Social Work, University of Wisconsin, 1225 Observatory Dr., Madison, Wis. 53706.
- SEGEL, DR. RUTH SYDNEY, b. New York, N.Y., Nov. 19, 25; m. 50; c. 2. PSYCHOLOGY, SPEECH PATHOLOGY. B.A., Bryn Mawr, 48; M.A., 50. Western Reserve, 47; Ph.D.(speech path., psychol.), Pittsburgh, 51. Instr. speech & psychol. & clin. supvr., Pittsburgh, 47-51; dir. speech clin., Childrens Hosp., Pittsburgh, Pa., 49-51; instr. speech path. & clin. supvr., Pa. State, 51-52; private practice, 52-60; asst. prof. PSYCHOL., SAN FERNANDO VALLEY STATE COL., 60-65, ASSOC. PROF., 65. Psychol. Assn.; Speech & Hearing Assn. Dynamics of personality; methods of group and individual psychotherapy and counseling; human development; child psychology; exceptional child; psychological aspects of speech pathology. Address: Dept. of Psychology, San Fernando Valley State College, Northridge, Calif. 91324.
- SEGUIN, EDMOND L(OUIS), b. Philadelphia, Pa., Mar. 20, 33; m. 59; c. 5. PSYCHOLOGY. B.S., Pa. State, 61, M.Ed., 64. Res. asst. acad. res., Pa. State, 62-63; res. assoc. hwy. safety, Inst. Res., 63-64; res. psychologist, hometrics br., HRB-Singer Inc., 65-66, sr. res. psychologist, 66-67, staff psychologist & mgr. traffic sys., br., 67-68, dir. decision sci. lab., 68. V. PRES. & SR. RES. ASSOC. PSYCHOL. RES. INST. Res. 68. Mem., Nat. Acad. Sci.-Nat. Coop. Hwy. Res. Prog. Adv. Panel Cmt. 70, 69; mem., Hwy. Res. Bd., Nat. Acad. Sci.-Nat. Res. Coun. Consult., HRB-Singer Inc., 68-U.S.N., 52-56. AAAS; Psychomet. Soc.; Inst. Traffic Eng. Human factors of highway safety and traffic flow; development and evaluation of programmed instructional materials; computer-assisted performance maintenance of image interpreter extraction skills. Publ. Co-auth., The relative effectiveness of earphones and loudspeakers as a means of presenting a listening test in a foreign language, Mod. Lang. J. Vol. 48, No. 6, Vehicle kinematics and gap acceptance, J. Appl. Psychol., Vol. 52, No. 4 & The effects of sight distance and controlled impedance on passing behavior, Hwy. Res. Record, 292. Address: Institute for Research, 257 S. Pugh St., State College, Pa. 16801.
- SEILER, DR. JOHN (ANDREW), b. Boston, Mass., Mar. 23, 27; m. 50; c. 2. ORGANIZATIONAL BEHAVIOR. A.B., Harvard, 50, M.B.A., 53, Ph.D.(orgn. behav.), 57. Fel. Human res., GRAD. SCH. BUS. ADMIN., HARVARD, 53-54, instr. gen. admin., 54-57, asst. prof. admin. practices, 57-63, ASSOC. PROF. ORGN. BEHAV., 62-ASST. DEAN M.B.A. PROG., 68. Assoc. Nat. Training Labs., Nat. Ed. Assn., 63-U.S.A.A.F., 45-47. Sociol. Assn.; Soc. Appl. Anthropol. Intergroup and small group behavior; organizational analysis and simulation; pedagogy. Publ. Co-auth., Organizational behavior and administration, 65 & auth., Systems analysis in organizational behavior, 67, Irwin; co-auth., chap. In: The changing college classroom, Jossey-Bass, 69. Address: 87 Lincoln Rd., Wayland, Mass. 01778.
- SEIM, CAPT. HARVEY BRYANT, U.S.N. (RET). Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. nuclear planning, NATO International Staff, 69- Address: USNATO/IS, APO, New York 09667.
- SEKYRA, DR. FRANCIS, III, b. Chicago, Ill., July 2, 29; m. 65; c. 1. EDUCATIONAL & EXPERIMENTAL PSYCHOLOGY. B.S., Illinois, 61, M.A., Alabama, 63, Ph.D.(psychol.), 68. Training specialist, Civil Serv. Cmn. City of Chicago, Ill., 63-64; instr. psychol., MISS. STATE, 64-67, asst. prof. psychol. & coordinator of instr., 67-68, ASSOC. PROF. PSYCHOL., 68- HEAD DEPT., 70-, acting head dept., 88-70. AAAS; Psychol. Assn. Intellectual development and assessment; behavior modification research; effects of industrial supervisory training programs; classical eyelid conditioning. Address: P.O. Box 2424, State College, Miss. 39762.
- SELDEN, PROF. RICHARD THOMAS, b. Pontiac, Mich., Mar. 31, 22; m. 53; c. 2. ECONOMICS. B.A., Chicago, 49, Julius Rosenberg wall, 51-52, Ph.D.(econ.), 54; M.A., Columbia, 49. Instr. bus. admin., Massachusetts, 49-50; asst. prof. econ. & bus. admin., Vanderbilt, 52-54, assoc. prof., 54-59; banking, Columbia, 59-62; prof. ECON., Cornell, 62-69; CARTER GLASS PROF., VIRGINIA, 69- Res. fel., Nat. Bur. Econ. Res., 58-59, mem. res. staff, 59-; econ. staff, First Nat. City Bank, New York, 62-63; Guggerheim Mem. Found., fel., 64-65; Fulbright-Hays adv. res. scholar, Belgium, 65; Ford Found. faculty fel., Cornell, 68-69. Consult., bd. gov. Fed. Reserve,
- Syst. U.S.A.A.F., 43-46, Sgt. Econ. Assn.; Finance Assn. Theoretical and empirical studies of the demand for money, the nature of inflation during the 1960's, the markets for commercial paper and consumer installment credit, and the effectiveness of monetary policy in the United States and in Western Europe. Publ. Trends and cycles in the commercial paper market, Nat. Bur. Econ. Res., 63; Monetary velocity in the U.S.; In: Studies in the quantity theory of money, Univ. Chicago, 56; Cost-push vs. demand-pull inflation, 1955-57, J. Polit. Econ., 59. Address: Dept. of Economics, University of Virginia, Charlottesville, Va. 22901.
- SELDIN, DR. MAURY. Business Administration, Urban Development. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. real estate & urban development, planning, 69-, School of Business Administration, American University, Washington, D.C. 20016.
- SELIGMAN, DR. BARNARD, b. Hartford, Conn., Aug. 17, 23; m. 64; c. 1. ECONOMICS. B.S., N.Y. Univ., 47, fel., 59-61, Ph.D.(econ), 62; M.A., Trinity Col.(Conn), 52. Investment analyst, Sun Life Ins. Co., Md., 56-57; budget exam., State of Conn., 57-59; asst. prof. banking & finance, N.Y. Univ., 61-65; finance & econ., Baruch Col., 65-68; ASSOC. PROF. FINANCE, Pace Col., 69- Found. Econ. Ed. bus. fel., 65; Am. Fedn. Teachers res. award, 66. U.S.A., 41-43, Sgt. Econ. Assn.; Inst. Chartered Financial Anal.; Finance Assn.; Nat. Assn. Bus. Econ. The influence of economic and financial variables on money and capital markets and security selection. Publ. The rejection of financial variables in making in England, West. Econ. J., fall 63; Cost of living adjustment in annuities, J. Risk & Ins., 3/64; An explanation of indexed securities, South. J. Bus., 1/69. Address: Graduate School of Business, Pace College, 41 Park Row, New York, N.Y. 10038.
- SELINGER, DEAN CARL MARVIN. Law, Government. See Suppl. I to 5th ed, Dir. Am. Scholars.
- SELL, DR. KENNETH DANIEL, b. Littleton, Pa., Apr. 29, 28; m. 49; c. 2. SOCIOLOGY. B.S., Ursinus Col., 50; dipl. Spanish, Sch. Lang. San Jose, Costa Rica, 58, M.Ed., Pa. State, 61; Ph.D.(sociol.), Fla. State, 68. Instr. SOCIOL., Fla. State, 67-68; ASSOC. PROF. CATAWBA & LIVINGSTONE COLS., 68- Prof. chmn., N.C. Family Life Coun., 69. Nimkoff Award, Fla. State Univ., 67. Sociol. Assn.; Nat. Coun. Family Rel. The sociology of the family. Address: Dept. of Sociology, Catawba College, Salisbury, N.C. 28144.
- SELLIN, PROF. THORSTEN. Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: Gilmanton, N.H. 03237.
- SELLS, PROF. SAUL B. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 3850 Overton Park Dr., W. Fort Worth, Tex. 76109.
- SELTZER, NORMAN. Economics, Industrial Relations. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 1094 Larksprur Terr., Rockville, Md. 20850.
- SELTZER, DR. ROBERT JOEL, b. Hartford, Conn., June 21, 42; m. 65; c. 1. CHILD & DEVELOPMENTAL PSYCHOLOGY. A.B., Columbia, 64; Woodrow Wilson fel., Brown, 64-65, U.S. Pub. Health Serv. fcls., 65-68, M.Sc., 66, Ph.D. (psychol.), 68. ASST. PROF. PSYCHOL., INDIANA, BLOOMINGTON, 68- AAAS. Experimental psychology. Address: Dept. of Psychology, Indiana University, Bloomington, Ind. 47401.
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- SENN, DR. DAVID J(AMES). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Chmn., 70-, Dept. of Psychology, Monmouth College, Monmouth, Ill. 61462.
- SENNHOLZ, PROF. HANS F., b. West Germany, Feb. 3, 22; U.S. citizen; m. 54; c. 1. ECONOMICS. M.A., Marburg, 48; Ph.D.(polit. sci.), Cologne,

- 49; Earhart Found. fel. N.Y. Univ. 54-55, Ph.D.(econ). 55. Asst. prof. ECON. Iona Col. 54-56; PROF. GROVE CITY COL. 56- Mem. Economists' Nat. Cmt. Monetary Policy, 59-; trustee, Found. Econ. Ed. 69- Econ. Asn. Problems of international cooperation and integration; money and banking; public finance. Publ: How can Europe survive? 7, 55 & co-auth. On freedom and free enterprise, 56, Van Nostrand; auth. Inflation or gold standard? Constitutional Alliance, 59; plus others. Address: Dept. of Economics, Grove City College, Grove City, Pa. 16127.
- SEPINWALL, DR. JERRY. Physiological Psychology, Psychopharmacology. See Suppl. VI to 11th ed. Phys. & Biol. Vols.
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- SEVERSON, DR. ROBERT F. JR, b. Chicago, Ill, June 29, 31; m. 51; c. 3. ECONOMIC SYSTEMS & HISTORY. B.S. Illinois, 58, M.A., 60, Ph.D.(econ), 63. ASSOC. PROF. ECON. COL. S.JERSEY, RUTGERS, 63- U.S.A.F. 51-55, 8/Sgt. Econ. Asn; Econ. Hist. Asn. Economic history, systems and development. Publ: Articles in Agr. Hist. Vol. 36, No. 3, Bus. Hist. Rev. fall 60, spring 61 & J. Econ. Hist. 6/66. Address: Dept. of Economics, College of Arts & Sciences, Rutgers University, 311 N. Fifth St, Camden, N.J. 08102.
- SEWELL, DR. W. R. DERRICK, b. Rock Ferry, Eng. Feb. 9, 31; m. 61; c. 2. ECONOMICS, GEOGRAPHY. B.Sc. London, 54; M.A., Washington (Seattle), 56, Ph.D.(geog). 64. Economist. Can. Fed. Govt. 56-63; asst. prof. geog., Chicago, 64-66; assoc. prof. ECON. & GEOG. VICTORIA (B.C.), 66-69, PROF. 69- Hon. sessional lect., Univ. British Columbia, 61-62; summers, vis. prof., Utah State Univ, 65, Univ. North Carolina, 66. Consult. U.S. & Can. fed. govt. depts, Nat. Sci. Found. & Can. Privy Coun. Asn. Am. Geog. Can. Asn. Geog. Can. Econ. Asn; Inst. Pub. Admin. Can. Publ: Water management and floods in the Fraser River Basin, Univ. Chicago, 65; co-auth. The lower Mekong, Carnegie Endowment Int. Peace, Taplinger, 66; auth. Water management research, Queen's Printer, Ottawa, 66. Address: Dept. of Economics, University of Victoria, Victoria, B.C. Can.
- SEYMANN, DR. RICHARD (GEOFFREY), b. New York, N.Y., Jan. 6, 40; m. 63; c. 2. PSYCHOLOGY, STATISTICS. B.A., Washington & Jefferson Col. 61; Ph.D.(exp. psychol), Emory, 67. Instr. PSYCHOL, Morehouse Col. 65-66, asst. prof. 66-68, assoc. prof. 68-69, acting chmn. dept. 66-69; ASSOC. PROF. LYNCHBURG COL. 69- AAAS; Psychol. Asn; Statist. Asn. Theories of discrimination learning and the application of experimental design methodology to theoretical learning problems. Publ: Co-auth. Preference for signal-shock vs. shock-signal, Psychol. Reports, 63; Factors effecting preference for a signal-shock over shock-signal, 66 & auth. The effect of differences in reward magnitude with correlated cues on running speed, 69, J. Exp. Psychol. Address: Dept. of Psychology, Lynchburg College, Lynchburg, Va. 24504.
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- SHAFFER, PROF. DALLAS (B'ERT). Modern American History. See 5th ed. Dir. Am. Scholars, Vol. I, Hist.
- SHAFFER, DR. EDWARD HARRY. Economics. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Vis. assoc. prof. 70-, Faculty of Business Administration & Commerce, University of Alberta, Edmonton, Alta, Can.
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- SHAMAN, DR. PAUL. Statistics. See 12th ed. Phys. & Biol. Vols.
- SHAMBERG, DR. NEIL STEPHEN, b. Chicago, Ill. Oct. 4, 32; m. 60; c. 2. PSYCHOLOGY. Ph.B., Northwestern, 63, U.S. Pub. Health Serv. fel. Case-Western Reserve, 63-64, M.A. 65, Ph.D.(psychol), 68. Psychologist, U.S. Vet. Admin. Hosp. Brecksville, Ohio, 63-67; asst. prof. dept. psychol. John Carroll, 67-69; ASST. PROF. PSYCHOL, WINNIPEG, 69-. Soc. Sci. grant, 69- Psychol. Asn. Small group processes; experimental artifacts; leadership; cognitive dissonance theory; integrity therapy. Publ: Reminiscence and pursuit rotor performance in introverts, extroverts and neurotics, Brit. J. Soc. & Clin. Psychol. 12/69. Address: 712 Lanark St, Winnipeg 9, Man, Can.
- SHANLEY, DR. THOMAS F. b. Providence, R.I. Aug. 18, 28. ECONOMICS. B.A., Providence Col. 50; M.A., Catholic Univ. 61; Ph.D.(econ), Notre Dame, 66. Instr. econ. Providence Col. 56-61; econ. res. Fed. Power Cmn. Wash. D.C. 64-66; adv. BEAS, La Paz, Bolivia, 66-68; ASST. PROF. ECON. & FOR. STUDENT ADV. PROVIDENCE COL. 68- Econ. Asn; Nat. Asn. For. Student Affairs. Economics of development in South America. Publ: Economic impact of tourism in R.I., Cath. Univ. Am. 61; Econ-legal struggle for the New England natural gas market, Univ. Notre Dame, 66; Technological dualism and the Bolivian economy, BEAS, La Paz, 67. Address: Dept. of Economics, Providence College, Providence, R.I. 02918.
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- Strategic aspects of Indian foreign policy; social change in sub-Saharan Africa. Publ.: Co-auth. Manual on Kenya law, Govt. Printer, Kenya, 70. Address: 3303 St. Antoine Ave., Kalamazoo, Mich. 49007.
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- SHARPE, PROF. ERNEST A. b. Cameron, Tex., Feb. 28, 16; m. 42; c. 3. JOURNALISM, MASS COMMUNICATIONS. B.J. Texas, 39, A.B., 40, M.J., 41; Ph.D. (mass comm.), Wisconsin, 64. V. consul. for serv. U.S. Dept. State, 45-46; advert. mgr., Bryan Daily Eagle, Tex., 46; instr. JOURNALISM, TEXAS, AUSTIN, 46-48, asst. prof., 48-52, assoc. prof., 52-65, PROF., 65-, GRAD. ADV. 66- Lectr., Wisconsin, 61. An. Ed. in Journalism. Advertising; biography of G.B. Dealey; attitudes toward freedom of press, continuing nationwide study, leveling and sharpening effects in communication process. Address: Dept. of Journalism, University of Texas at Austin, Austin, Tex. 78712.
- SHARPE, DR. WILLIAM D. Pathology, History of Medicine. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- SHARRON, DR. ARTHUR, b. New York, N.Y., Mar. 4, 18; m. 39; c. 2. ECONOMICS, MANAGEMENT. M.A., American Univ., 45, Ph.D. (econ.), 48. Economet. Off. Price Admin., 44-46, Int. Monetary Fund, 46-48; U.S. Army, 48-51; self-employed, 51-55; U.S. Air Force, 55-58; ASSOC. PROF., econ. & management, 58-61; econ. Long Island, 61-62; City Univ. New York, 62-65; ECON. & FINANCE, FAIRFIELD DICKINSON, 69- Fel. Case Inst. Tech., 59. Mem. Economists' Nat. Cmt. Monetary Policy, 59- U.S.A., 43-44. Econ. Assn. Monetary and managerial economics; integrating the fields of economics and psychology. Publ.: Co-auth. Psychoeconomics and its applications, 68, Make economics come alive, 69 & Personalizing economic thinking, 70, Psychoeconomics. Address: Dept. of Economics & Finance, Fairfield Dickinson University, Rutherford, N.J. 07070.
- SHARTLE, DR. CARROLL LEONARD. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Independent consult., 68- Address: 218 Leland Ave., Columbus, Ohio 43214.
- SHATIN, PROF. LEO. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Psychiatry, New Jersey College of Medicine & Dentistry, Newark, N.J. 07102.
- SHATTO, DR. GLORIA McDERMITH. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., econ., 69- Address: 7711 Bellevue, Houston, Tex. 77036.
- SHAUL, DR. DONALD ROBERT, b. Los Angeles, Calif., May 14, 09; m. 36. MAN. ELEMENT. B.S., Naval Acad., 38; M.B.A., Calif., 43, Ph.D. (psychol.), 56, Ph.D. (mgt. theory), 64. Creditman, Universal Credit Co., 36-37; arson investr., Los Angeles Fire Dept., 37-63; asst. prof. SCH. BUS. California Western, 63-64; CALIF. STATE COL., FULLERTON, 64-66, ASSOC. PROF. MGT., 66-, CHMN. DEPT. 67- U.S.N., 41-54, Comdr. Acad. Mgt. Management theory and policy; personnel and production management; economics. Publ.: What's really there for middle management, Personnel, 11-12/64; co-auth. Banking as viewed from the campus, Burroughs Clearing House. Address: Dept. of Management, California State College at Fullerton, Fullerton, Calif. 92631.
- SHAVER, DR. KELLY GRAY, b. Highland Park, Ill., Oct. 30, 41; m. 63. SOCIAL PSYCHOLOGY. B.S., Washington (Seattle), 63, M.S., 65; Ph.D. (psychol.), Duke, 68. ASST. PROF. PSYCHOL., COL. WILLIAM & MARY, 68- Consult. east. region, Va. Higher Ed. Law Enforcement Adv. Cmt., 69- Assoc. Psychol. Assn; Soc. Psychol. Study Social Issues. Defensive attribution, particularly of responsibility for accidents; social comparison processes; crowd behavior; social problems. Publ.: Co-auth. Factors affecting the choice of a comparison other, 5; 219-232 & auth. Redress and conscientiousness in the attribution of responsibility for accidents, 6; 100-110, J. Exp. Soc. Psychol.; Defensive attribution: effects of severity and relevance on the responsibility assigned for an accident, J. Personality & Soc. Psychol., 14: 101-113. Address: Dept. of Psychology, College of William and Mary, Williamsburg, Va. 23185.

- SHAW, DR. CARL E. b. Billett, Ill. Sept. 7, 18; m. 37; c. 6. **PSYCHOLOGY**. B. Ed. East. Ill. Univ. 36; M.A. Miami (Ohio), 48; Ph.D. (psychol. ed), Purdue, 54. Dir. voc. ed., Batesville, Ind. 46-51; Sullivan, Ind. 51-54; assoc. dir. counseling center, Bowling Green State, 54-57; dean men, St. Petersburg Jr. Col. 57-63; dean students, Milligan Co. 63-66; dir. counseling center, Indiana State, 66-67; from asst. prof. to PROF. **PSYCHOL.** TENNESSEE STATE, 67- Nat. Sci. Found. fel. Fla. State, 65. **Psychol. Assn.** Address: Dept. of Psychology, Tennessee State University, Johnson City, Tenn. 37601.
- SHAW, EUGENE F. S.J. **Sociology, Communications**. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof. comm. & v. chmn. dept. commun. arts, Dept. of Communication Arts, Fordham University, Bronx, N.Y. 10458.
- SHAW, DR. JOSEPH F. b. Omaha, Nebr. Sept. 4, 32; m. 58; c. 3. **ECONOMICS**. B.A. California, Los Angeles, 58; M.A., 59; Int. Bus. Mach. Corp. fel. 59-60, Ph.D. (econ). 69. **Economist**, Tidewater Oil Co. 60-61; N.A.M. Rockwell Corp. 62-64; sr. assoc. Planning Res. Corp. 64-65; SR. TECH. SPECIALIST, N.A.M. ROCKWELL CORP. 66. U.S.A. 54-57. **Econ. Assn.** Statist. Assn. Application of economic theory to public policy; international monetary theory. Address: 3724 Carmona Ave., Los Angeles, Calif. 90016.
- SHAW, DR. LAWRENCE H. b. Wallace, Idaho, Aug. 3, 40; m. 62; c. 2. **ECONOMICS**. A.B., George Washington, 61; M.A., Harvard, 63, Ph.D. 64. **Economist**, U.S. Dept. Agr. 62-66; asst. prof. econ. Vanderbilt, 66-68; **ECONOMIST**, B.F. GOODRICH CO. 68- **Econ. Assn.** **Economist** Soc. Statist. Assn. Quantitative economics. Address: 500 S. Main St., Akron, Ohio 44318.
- SHAW, DR. SUE OLINGER, b. Olinger, Va. Aug. 22, 40; m. 62; c. 3. **ECONOMICS**. A.B., Virginia, 61; M.A., Harvard, 63, Ph.D. (econ). 67. **Labor economist**, U.S. Dept. Labor, summer 61; fiscal economist, U.S. Bur. Budget, summer 62; res. assoc. Center Planning & Econ. Res. Athens, Greece, 64-66; asst. prof. econ. Middle Tenn. State, 67-69; DIR. BUR. BUS. RES., AKRON, 69. Vis. lect., Vanderbilt Univ. 67-68. **Econ. Assn.** **Royal Econ. Soc.** **Labor economics** and public finance. Publ: Wage structure in Greek manufacturing, Center Planning & Econ. Res., Greece, (in press). Address: School of Business, University of Akron, Akron, Ohio 44304.
- SHAW, DR. WILLIAM H (OWARD). **Economics**. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 2304 Ridale Ave., Wilmington, Del. 19808.
- SHAY, PROF. CARLETON (ARKER), b. Berkeley, Calif. Jan. 26, 24; m. 50; c. 2. **EDUCATIONAL PSYCHOLOGY**. B.S. California, Los Angeles, 48; M. Ed. 50, Ed. D. (ed. psychol.) 60. **Psychometrist**, City Schs., Santa Monica, Calif. 51-52; teacher, high sch., 52-54, dir. testing & counsl., 54-62; asst. prof. ED, CALIF. STATE COL. LOS ANGELES, 62-66, asst. dean sch., 65-67, assoc. prof. 66-69, PROF. 69-. **ASSOC. DEAN SCH.**, DIR. Instr. Univ. California Exten., 51-55; Off. Ed. Mgt. Tools Training Prog., Southern Illinois, 69. Consult. Syst. Develop. Corp. 60-65. Mem. cnt. eval. ed. res., Am. Ed. Res. Assn. 62-64. U.S.A. 43-45. **AAAS**; Nat. Coun. Measurement in Ed. Programmed instruction; research methodology; educational measurement. Publ: A study of a high school student who completed a college prep curriculum, Calif. J. Ed. Res. 60 & Relationship of intelligence to step size on a teaching machine program, J. Ed. Psychol. 60; co-auth., The quality of educational research, Ed. Researcher, 67. Address: School of Education, California State College at Los Angeles, 5151 State College Dr., Los Angeles, Calif. 90032.
- SHAY, PROF. THEODORE L. b. Portland, Ore. Oct. 5, 26; m. 52; c. 5. **POLITICAL SCIENCE**. B.S. Northwestern, 50; M.A. 51, Feltzer fel. 54-55, Ph.D. (polit. sci.) 55. Asst. prof. POLIT. SCI., WILLAMETTE, 56-58, assoc. prof. 58-61, PROF. 61. Guggenheim fel. 58-59; lectr. Int. Col. Commerce, Tokyo, 68. Consult. Ore. Pub. Welfare Cmn. 61; Ore. Dept. Transportation, 69. U.S.A. A.F. 44-46. South Asia and the Far East; foreign affairs of developing areas. Publ: The legacy of the Lokamanya, Oxford, 56; Pakistan, India, Red China, Emphasis, 65; Non-alignment si. neutralism no. Rev. Polit. 68. Address: Dept. of Political Science, Willamette University, Salem, Ore. 97301.
- SHEA, PROF. JOHN C. b. Bradford, Pa. May 9, 36; m. 60; c. 3. **POLITICAL SCIENCE**. B.A., Allegheny Col. 58; M.A., Pennsylvania, 60; Pittsburgh, 70. Third secy, U.S. Embassy, Montevideo, 61-63; instr. POLIT. SCI., Pittsburgh, 63-67; **ASSOC. PROF.** WEST CHESTER STATE COL. 67. Consult. Nat. Cmt. Sase Nuclear Policy. Polit. Sci. Assn. Political socialization; learning of political attitudes at high school level. Address: Dept. of Political Science, P.O. Box 2482, West Chester State College, West Chester, Pa. 19380.
- SHEA, PROF. JOHN WHITNEY. **Economics, Sociology**. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also chmn. 69-. Division of Social Science, Houghton College, 20 Campus Heights, Houghton, N.Y. 14744.
- SHEA, DEAN JOSEPH AUGUSTINE, b. Cambridge, Mass. July 2, 18; m. 45; c. 2. **PSYCHOLOGY**. B.S. Boston Col. 42; M.A., Harvard, 45; Ph.D. (psychol. ed), Catholic Univ. 55. Instr. jr.-sr. high sch. Mass. 42-43; Wayside Inn Sch. 43-44; high sch. 44-48; Catholic Univ. 48-50; asst. prof. WORCESTER STATE COL. 50-51, assoc. prof. 51-55, PROF. **PSYCHOL.** CHMN. DEPT. & ACAD. DEAN, 55- Spec. instr. Simmons Col. 47-48; instr. univ. exten. Commonwealth Mass. 50-54, teacher col. exten. 54- Instr. sch. nursing, Worcester City Hosp. Mass. 54- Factor analysis; child emotional problems; learning theory. Address: Dept. of Psychology, Worcester State College, 486 Chandler St., Worcester, Mass. 01602.
- SHEARD, DR. MICHAEL HENRY. **Psychiatry, Neuropsychopharmacology**. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- SHEARER, DEAN WARREN W (RIGHT). **Economics**. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: V-pres, admin. 69-, Dolly Madison Industries, Inc, Suite 1000 Lafayette Bldg., Philadelphia, Pa. 19106.
- SHEEHAN, DR. (TIMOTHY) JOSEPH, b. Boston, Mass. Sept. 26, 35; m. 64; c. 1. **EDUCATION, PSYCHOLOGY**. A.B. St. John Sem. 58; M.A., Boston Col. 62; NDEA fel. & Ph.D. Chicago, 65. Res. asst. Chicago, 62-65; **ASSOC. ED. & ASST. PROF. MED. ED.** CASE WESTERN RESERVE, 65-, **ASSOC. DIR.** DIV. RES. MED. ED. 67- Instr. Illinois, 64. Consult. Am. Hemat. Soc. 63-70; Guyanaga Community Col. 67; Pace Assn., Cleveland, Ohio, 68-70; res. div. Cleveland Pub. Schs. & Nat. Prog. Dermat. 69-70. Ed. Res. Assn. Psychol. Assn; Statist. Assn. Nat. Coun. Measurement in Ed.; Psychomet. Soc. Research design; evaluation theory and procedures; instructional theory and practices in mathematics and medicine; the application of multivariate statistical techniques; measurement of intellectual aspects of school climate. Publ: Patterns of sex differences in mathematical problem solving, J. Exp. Ed., summer 68, Toward an instructional software, J. Ed. 4/69 & Toward a software of evaluation: the many faces of evaluation, Am. Psychol. Assn. Proc. summer 70. Address: Division of Research in Medical Education, Case Western Reserve University, 2107 Adelbert Rd., Cleveland, Ohio 44106.
- SHELDON, DR. CHARLES S (TUARD). II. **Economics**. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Chief sci. policy res. div. legis. reference serv., Library Cong. 69-. Address: 3507 N. Piedmont St., Arlington, Va. 22207.
- SHELDON, DR. ERIC, b. Vienna, Austria, Jan. 15, 32; U.S. citizen; m. 69; c. 2. **PSYCHOLOGY**. B.A., Brooklyn Col. 54; M.S., Syracuse, 60, Ph.D. (psychol.) 68. Sch. psychologist, Bd. Coop. Ed. Serv. Chautauqua County, N.Y. 60-62; **ASST. PROF. PSYCHOL.** STATE UNIV. N.Y. Col. Cortland, 63-65; Wis. State, Stevens point, 65-68; STATE UNIV. COL. PLATTSBURGH, 68- Summer consult. Head Start Prog. 67, 68; psychol. consult., Clinton Prison Hosp. 68-. U.S.A. 53-55. **Psychol. Assn.** Parental and student attitudes and relationships to selected behaviors; creativity. Address: Dept. of Psychology, State University of New York College at Plattsburgh, Plattsburgh, N.Y. 12901.
- SHELDON, DR. PAUL EDWARD, b. Beverly, Mass. Jan. 11, 43; m. 67. **EXPERIMENTAL PSYCHOLOGY**. B.S. Tufts, 63; M.A. Princeton, 65. Ph.D. (exp. psychol.) 66. Instr. **PSYCHOL.** VILLANOVA, 66-67, **ASST. PROF.** 67- **Psychol. Assn.** Sensori-perceptual processes, especially communication by touch and hearing. Address: Dept. of Psychology, Villanova University, Villanova, Pa. 19085.
- SHELL, DR. KARL, b. Paterson, N.J. May 10, 38; m. 62; c. 2. **ECONOMICS**. A.B. Princeton, 60; Ph.D. (econ). Stanford, 65. Sys. analyst, Procter & Gamble Co. summer 59; staff economist, Coun. Econ. Adv. 62; acting instr. ECON. Stanford, 62-63; asst. prof. Mass. Inst. Tech. 64-67, asst. prof. 67-68. **PENNSYLVANIA**, 68-70, PROF. 70-. **Econ. Assn.** **Economet. Soc.** **Econ. Study Soc.** Inventive activity, industrial organization and growth: pure theory of price indices; economics of higher education; economic theory: mathematical economics. Publ. Ed. Essays on the theory of optimal economic growth, Mass. Inst. Tech. 67; auth., Toward a theory of inventive activity and capital accumulation, Am. Econ. Rev. 5/66; co-auth., The allocation of investment in a dynamic economy, Quart. J. Econ. 11/67. Address: Dept. of Economics, University of Pennsylvania, Philadelphia, Pa. 19104.
- SHELLEY, DR. ERNEST L. V. **Clinical Psychology, Penology**. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Prof. psychol., Olivet Col. 69-; chief psychologist, Michigan County Juvenile Court. 69-. Address: 1026 N. Lawn, East Lansing, Mich. 48823.
- SHELLOW, DR. ROBERT. **Psychology**. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. pilot dist. proj. D.C. Dept. of Pub. Safety, 68-. Address: 3752 Oliver St. N.W., Washington, D.C. 20015.
- SHELTON, PROF. AUSTIN (ESSE), b. St. Louis, Mo. May 15, 26; m. 47; c. 2. **ETHNOLOGY, LITERATURE**. B.S. St. Louis, 49, fcls. 49-54, Ph.D. (lit. hist.) 55. Asst. prof. English, Mercy Col. 54-57, assoc. prof. 57-59, prof. lit. 59-60, asst. dean, 58-60; sr. lect. Am. studies, Nigeria, 61-64; vis. prof. English, Ft. Hays Kans. State Col. 64-65; **PROF. AFRICAN STUDIES**, STATE UNIV. N.Y. COL. NEW PALTZ, 65-. Ford Ed. Forum scholar, 56-; U.S. Agency Int. Develop. res. grant, 62-63; State Univ. N.Y. res. grants, 65-67 & 68-70, fel. 68-. U.S.C.G. 43-46. Fel. African Studies Assn. Anthropol. Assn. Ethnology; West African religion; African literature. Publ: Hangman's song, 60 & Martin's land, 61. Chilton; African assertion, Odyssey, 68. Address: Dept. of African Studies, State University of New York College at New Paltz, New Paltz, N.Y. 12561.
- SHELTON, PROF. DAVID H (OWARD). **Economics**. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also dean, 70-. School of Business & Economics, University of North Carolina at Greensboro, Greensboro, N.C. 27412.
- SHENEFIELD, DR. HALE T (HUREL). **Economics**. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Retired, 69-. Address: 3136 Newark St. N.W., Washington, D.C. 20008.
- SHEPARD, MILLS. **Economics, Marketing**. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Sr. consult. Mkt. Res. Assocs. N.Y. 69-. Address: 785 Via Lombardy, Winter Park, Fla. 32789.
- SHEPHERD, DR. GEORGE WILLIAM, JR. **Political Science**. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also dir. 69-. Center on International Race Relations, Graduate School of International Studies, University of Denver, Denver, Colo. 80210.
- SHEPHERD, DR. JAMES FLOYD, JR. b. Walla Walla, Wash. May 21, 36; m. 58; c. 3. **ECONOMICS, ECONOMIC HISTORY**. A.B. Stanford, 58; M.A., Washington (Seattle), 64, Soc. Sci. Res. Coun. fel. 64, Ph.D. (econ). 66. **ASST. PROF. ECON.** British Columbia, 65-66; **PURDUE**, 66- **Nat. Sci. Found.** grant, 68-69. U.S.A. 59-61, 1st Lt. **Econ. Assn.** **Econ. Hist. Assn.** American economic history. Publ: A balance of payments for the thirteen colonies, 1786-1782; a summary, J. Econ. Hist. 12/65. Address: Dept. of Economics, Purdue University, Lafayette, Ind. 47907.



- SHER, DR. WILLIAM, b. China, May 3, 23; U.S. citizen. ECONOMICS. M.A. Minnesota, Minneapolis, 59. Ph.D.(econ), 67. Instr. ECON, Minnesota, Minneapolis, 63; Montana State, 63-64; asst. prof. Northern Michigan, 64-65; asst. assoc. Alberta, 65-68; ASSOC. PROF. DUQUESNE, 68- Income distribution theory and regional employment of labor and land use. Publ: Co-auth, Manpower problems and economic opportunities in an adjusting regional economy, Northern Michigan Univ, 65; auth, The cost of capital and corporation finance involving risk, Economist, Soc. 68. Address: Dept. of Economics, Duquesne University School of Business Administration, Pittsburgh, Pa. 15219.
- SHERIDAN, DR. EDWARD PATRICK. Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Asst. prof. counseling center, Illinois, Chicago, 68- Address: 1819 W. Thome, Chicago, Ill. 60626.
- SHERLOCK, DR. JOSEPH R(USSELL). Psychology. See L-Z Vol, 11th ed, Soc. & Biol. Vols. New position: Assoc. prof. philos. lib. arts col. Fordham, 69- Address: 2685 Briggs Ave, Bronx, N.Y. 10458.
- SHERMAN, DR. EDITH. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: General Classroom Bldg (GCB) 448, University of Denver, Denver, Colo. 80210.
- SHERMAN, DR. ROBERT, b. Brooklyn, N.Y. Dec. 7, 28; m. 54; c. 3. COUNSELING PSYCHOLOGY. B.S. Rutgers, 50, M. Ed. 52, Howard Savings Instn. fel. 57-59, Ed.D.(counseling), 60. Teacher, high schs, N.J., 50-51 & 55-56; farmer, 51-53; teacher, jr. high sch, N.J., 56-57; counsr, high sch, 57-60; asst. prof. COUNSR. ED, Yeshiva, 60-62; QUEENS COL, 62-69, ASSOC. PROF. 70- Fel. center human develop, Hebrew Univ, 67-; dir. U.S. Off. ed. training insts. on counseling disadvantaged youth & urban sch. counseling, 68; U.S. Off. participant, Prob. admin., 67; U.S. Off. ed. Leadership Training Inst., vis. prof., Miami (Fla); Fla. State; Rutgers; Newark State Col; dir. training, Relationship Develop. Center. U.S.A.F.R., 50-60, Lt. Psychol. Asn.; Personnel & Guid. Asn.; Asn. Counsr. Ed. & Supv. Design and development of counselor training programs; design of teaching-learning environments; applications of sensitivity and encounter techniques to education; interpersonal communication and behavior; psychosocial development; individual and group counseling. Publ: Counseling disadvantaged youth, U.S. Off. Ed., 69; Exploratory experiences in group guidance, 63 & Teacher-counselor communication, 69, Sch. Counsr. Address: 69-16 228th St, Bayside, N.Y. 11364.
- SHERMAN, DR. ROGER. Economics, Social Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. Dept. of Economics, University of Virginia, Charlottesville, Va. 22903.
- SHERMAN, DR. ROSALYN SYLVIA. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- SHERMAN, DR. STEVEN J(AMES), b. Boston, Mass, May 16, 42; m. 63; c. 2. SOCIAL PSYCHOLOGY. B.A., Harvard, 63; U.S. Pub. Health Serv. fel, Michigan, 65-67, M.A., 66, Ph.D.(soc. psychol), 67. ASST. PROF. PSYCHOL, INDIANA, BLOOMINGTON, 68- Psychol. Asn. Social influence and attitude change, especially in terms of conformity theory approaches; individual and group decision making. Address: Dept. of Psychology, Indiana University, Bloomington, Ind. 47401.
- SHERMAN, DR. SUSAN R(OTH). Social Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Sr. res. scientist psychol, 69-. Mental Health Research Unit, New York State Dept. of Mental Hygiene, 44 Holland Ave, Albany, N.Y. 12208.
- SHERRY, PROF. BEN B., b. Apr. 23, 14; U.S. citizen; m. 36; c. 2. ECONOMICS, BUSINESS ADMINISTRATION. B.S., U.S. Coast Guard Acad, 36; M.B.A., Southern California, 50. Chief cost acct, Cert. Grocers, Calif, 50-56, ops. res. analyst, 56-57; mgr. & sr. financial analyst, financial planning dept, Electro-Data Div, Burroughs Corp, 57-63; instr. ECON & BUS. ADMIN, CHAPMAN COL, 63-67, ASST. PROF. 67- U.S.C.G. 36-48, Commr. Acct. Asn; Nat. Asn. Acct. Management and budgetary controls and quantitative methods as applied to these areas. Publ: Instructors manual accompanying Personal finance, Wiley, 69. Address: 6471 Fairlawn Blvd, Yorba Linda, Calif. 92686.
- SHERTER, DR. SIDNEY R. History. See Suppl. I to 5th ed, Dir. Am. Scholars.
- SHEVITZ, DR. REUBEN NATHAN. Industrial Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. personnel & orgn. develop, 69-, Eli Lilly & Co, 307 E. McCarty St, Indianapolis, Ind. 46206.
- SHELDON, DR. CHARLES FRED, b. Bowling Green, Ky, Oct. 26, 36; m. 64; c. 1. CLINICAL & EXPERIMENTAL PSYCHOLOGY. B.A., Western Kentucky, 59, Ph.D.(clin. psychol), Alabama, 67. Supply mgr, Brooklyn Air Force Base, Mobile, Ala, 59-62; intern psychol, Bryce Hosp, Tuscaloosa, 65-66; clin. psychologist, Montgomery Ment. Health Center, 67; assoc. prof. psychol, Ala. Agr. & Mech. Col, 67-68; clin. psychologist, Madison County Ment. Health Center, Huntsville, Ala, 68-69; ASSOC. PROF. PSYCHOL, ALABAMA A&M, 69- Psychol. Asn. Psychotherapy and development of human resources; communication especially in therapeutic relationships; semantics. Address: Dept. of Psychology, Alabama A&M University, Normal, Ala. 35762.
- SHELDON, MURRAY. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 601 N.E. Silver Lane, Boca Raton, Fla. 33432.
- SHELDON, PROF. MURRAY WILLIAM. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Economics, Brigham Young University, 302 Jesse Knight Bldg, Provo, Utah 84601.
- SHIFFMAN, PROF. MAX. Mathematics, Aerodynamics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- SHILLING, SAMUEL P(AUL). Speech Pathology, Audiology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- SHILOH, PROF. ALON. Anthropology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, 69-, Dept. of Anthropology, University of Pittsburgh Graduate School of Public Health, Pittsburgh, Pa. 15213.
- SHILS, DR. EDWARD B. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Chmn, dept. of indust, Whorton Sch, Pennsylvania, 68- Address: 335 S. Woodbine, Pennsylvania Valley, Narberth, Pa. 19072.
- SHIMA, DR. FRED, b. Los Angeles, Calif, Sept. 9, 41. PSYCHOLOGY. B.A., California, Los Angeles, 63, M.A., 65, Ph.D.(psychol), 68. PSYCHOLOGIST, SOUTHWEST REGIONAL LAB, 68- Psychol. Asn. Verbal learning; experimental psychopathology; educational psychology. Publ: Sex, stimulus, association strength, duration and rate of semantic satiation, Psychonomic Sci, 66; Category clustering in incidental learning, J. Exp. Psychol, 68; Word association in connected discourse, Southwest Regional Lab. Tech. Report, 69. Address: Southwest Regional Lab, 11300 La Cienega Blvd, Inglewood, Calif. 90304.
- SHIMKUNAS, DR. ALGIMANTAS M., b. Chicago, Ill, Jan. 16, 40; m. 63; c. 1. CLINICAL PSYCHOLOGY. B.S., St. Louis, 62; M.S., 64, Ph.D.(psychol), 67. U.S. Pub. Health Serv. fel, Connecticut, 67-68; ASST. PROF. PSYCHOL, MISSOURI-COLUMBIA, 68- Res. consult, Am. Tel. & Tel. Co. & N.J. Bell Tel. Co., 67- AAAS; Psychol. Asn. Anxiety and uncertainty; internal versus external control of reinforcement; risk-taking and achievement motivation; expectancy theory; cognitive deficit in schizophrenia. Publ: Co-auth, Age and MMPI performance, J. Consult. Psychol, 66 & Schizophrenic responses to the Proverbs Test: abstract, concrete or abstract, J. Abnorm. Psychol, 67; auth, Anxiety and expectancy change: the effects of failure and uncertainty, J. Personality & Soc. Psychol, (in press). Address: Dept. of Psychology, University of Missouri, Columbia, Mo. 65201.
- SHIMM, PROF. MELVIN G(ERALD). Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- SHIN, DR. PAUL Y. H., b. Seoul, Korea, Jan. 27, 31; m. 59; c. 3. ECONOMICS. M.A., Yonsei, Korea, 63; Ph.D.(econ), Nebraska, Lincoln, 68. Researcher banking, Korean Indust. Bank, 59-63; asst. ECON, Nebraska, 63-67, instr, Drake, 67-68; ASST. PROF. HAWAII, 68- Econ. Asn. Competitive situation in Southeast Asian trade and cooperative prospects. Publ: The significance of the role of insurance in developing economies with special emphasis on Korea, Univ. Nebraska, 68; Analytical theories of underdeveloped economies, 12/69 & Development of insurance in Korea since 1945 with implications for developing nations, 12/70, Korean Econ. Rev. Address: Dept. of Business Economics, University of Hawaii, Honolulu, Hawaii 96822.
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- SHUTTLESWORTH, PROF. GUY EUGENE. Sociology, Social Work. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Vis. assoc. prof, 69-, School of Social Work, University of Texas, Austin, Tex. 78712.
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- tal research on the nature of learning and cognitive development in children. Publ: Co-auth, Incidental learning: a developmental study, *Child Develop*, 66 & Attentional differences in children's incidental learning, *J. Ed. Psychol*, 69; Attention: In, *Encyclopedia of education*, MacMillan, (in press). Address: Dept. of Psychology, University of Pittsburgh, Pittsburgh, Pa. 15213.
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- SINHA, DR. BHEK PATTI**, b. Pachahi, Darbhanga, India, June 11, 29. **INTERNATIONAL LAW & RELATIONS**. B.S., American Univ., 54, M.A., 56; M.A., Howard, 57; fel. Columbia, 61-62, Ph.D. (int. law & rels), 64. Preceptor & lectr. Hindi lang. & lit., Columbia, 61-64; instr. int. rels. & comp. govt. Drew, 62-63; lectr. int. rels. & govt., City Univ. New York, 64-65; asst. prof. INT. LAW, POLIT. & ORGN., INDIANA STATE, 65-68, ASSOC. PROF., 68- Mem. Columbia Faculty Seminar Oriental Relig. & Thought, 61-62; standing cm. codification int. law, World Peace through Law Center, 66-; Columbia Faculty Seminar Hist. Legal & Polit. Thought, 69-72; Center for Study Democratic Inst. Int. Law, Polit. Sci., Asian Studies Assn. Peaceful settlement of international disputes; merger of sovereignty problems of international law. Publ: Unilateral denunciation of treaty, Nijhoff Info. Netherlands, 66; The peaceful settlement of international disputes: relevance and irrelevance, 70 & Report of the rapporteur, topic No. 1, Bangkok world peace through law conference, World Peace through Law Center, Geneva, Switz, 70. Address: Box 300, New York, N.Y. 10025.
- SINHA, DR. KUMARES C**. Urban Systems Engineering. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- SINHA, DR. ROHINI P (ATTI)**, b. Pachahi, Bihar, India, July 3, 32; m. 64; c. 2. **ECONOMICS**. B.A., Bihar, 56; M.A., New Sch. Soc. Res., 61, Ph.D. (econ), 65. Asst. teacher, high sch. India, 57-58; lectr. ECON. City Univ. N.Y., 64-65; asst. prof. MUEHLBENBERG COL., 65-70, ASSOC. PROF., 70- Am. Econ. Assn; Indian Soc. Labor Econ. Labor market; comparative labor movements, econometrics. Publ: The economics of brain drain, Manpower J., 8/68; Manpower crisis: the problem of educated unemployment, Seminar, 9/69. Address: Dept. of Economics, Muhlenberg College, Allentown, Pa. 18103.
- SINKLER, DR. GEORGE**. American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- SIPPOLA, DR. BERTRAM C (LAY)**, b. Bronxville, N.Y., Aug. 27, 38; m. 63; c. 2. **EXPERIMENTAL PSYCHOLOGY**. B.A., Bucknell, 60; M.A., Cornell, 63; Ph.D. (exp. psychol), Kansas, 67. Asst. PSYCHOL., Cornell, 60-63; instr. State Univ. N.Y., Cortland, 63-64; asst. instr., Kansas, 64-67; ASST. PROF.,

- LA. STATE, NEW ORLEANS, 67- Participant, Nat. Sci. Found. Summer Inst. Math. Psychol. Univ. Michigan, 67. Psychol. Assn. Basic perceptual phenomena, including adaptation to homogeneous stimulation and contrast effects in space and object perception; systematization of perceptual theories; parametric studies of verbal learning, especially of verbal discrimination. Publ: Co-auth. Motivational decentralization and conflict in the research laboratory. In: The research society, Gordon & Breach, 68; auth. Verbal discrimination learning and the length-difficulty law: a parametric study, Dissertation Abstracts, Vol. 29, No. 8; co-auth. Chromatic adaptation in the Ganzfeld, Proc. La. Acad. Sci., 32: 144-149; plus others. Address: Dept. of Psychology, Louisiana State University in New Orleans, Lake Front, New Orleans, La. 70122.
- SIRACUSE, DR. LAURA W., b. New York, N.Y., Aug. 2, 38. SOCIOLOGY. B.A. Hunter Coll., 60; M.A., New Sch. Soc. Res., 63, Ph.D. (sociol.), 67. ASST. PROF. SOCIOL., BROOKLYN COL., 64- Sociol. Assn. Social theory; sociology of knowledge; social psychology. Publ: Urban swinger. In: The new middle class, Appleton, 70. Address: Dept. of Sociology, Brooklyn College, Brooklyn, N.Y. 11210.
- SIRJAMAKI, PROF. JOHN. Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Sociology, State University of New York at Buffalo, 4224 Ridge Lea Rd., Amherst, N.Y. 14226.
- SISTRUNK, DR. FRANCIS, b. Sumter, S.C., May 29, 34; m. 57; c. 1. SOCIAL & EXPERIMENTAL PSYCHOLOGY. B.A., Vanderbilt, 57; M.S., Miami (Fla.), 62, Ph.D. (psychol.), 63. Res. scientist, Human Sci. Res. Inc., 63-64; asst. prof. PSYCHOL., Texas Tech., 64-65; SOUTH FLORIDA, 65-67, ASSOC. PROF., 67-68, chmn. dept. psychol., 67-68. U.S.M.C., 57-60, Res., 60-62, Capt. Psychol. Assn. Experimental gaming; conformity; cross-cultural comparisons of social behavior. Publ: Co-auth. Personality correlates of two kinds of conforming behavior, J. Personality, 32: 420-435 & Achievement motivation, affiliation motivation, and task difficulty as determinants of social conformity, J. Soc. Psychol., 66: 41-50; auth. Conditioning and extinction of conforming behavior, Psychonomic Sci., 17: 255-258. Address: Dept. of Psychology, University of South Florida, Tampa, Fla. 33620.
- SITES, DEAN JOHN (EDWARD). Sociology, Education. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also dean, 68-. Brenau College, Gainesville, Ga. 30501.
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- SIZEMORE, PROF. ORAL GLEN. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 1012 Mike, Tahqualeh, Okla. 74464.
- SJAASTAD, DR. LARRY A., b. Tagus, N.Dak., Nov. 17, 34; m. 59; c. 2. ECONOMIC. B.A., Chicago, 57, M.A., 58, Ph.D. (econ), 61. Asst. prof. ECON., Minnesota, 60-62; ASSOC. PROF., CHICAGO, 62- Econ. Assn. Labor mobility; theory on consumption; theory of public goods; economic development and planning. Address: 1126 E. 59th St., Chicago, Ill. 60637.
- SJULE, DR. GERALD DUANE, b. Lake Park, Minn., July 29, 31; m. 53; c. 3. PSYCHOLOGY. A.B., Pasadena Cal., 55; M.S., Southern California, 57, Ph.D. (psychol.), 66. Instr., high sch., Calif., 58-62; INSTR. PSYCHOL. & COUNSELOR, ORANGE COAST COL., 62- chmn. dept. ext. counseling, 64-65, asst. chmn., dept. psychol., 65-68. Pres. Overseas Ed. Opportunities, Inc., Calif., 68- Psychol. Assn. Production of Counselor's Handbook for students in pursuit of vocational objectives; research in psychology course for college and university freshmen. Publ: Readings for an introduction to psychology, Dickenson, 1/70. Address: 317 E. Santa Clara, Santa Ana, Calif. 92706.
- SKANES, DR. GRAHAM R., b. St. John's, Newf., Dec. 15, 37; m. 64. PSYCHOLOGY. B.Sc. Memorial Univ., 59, B.A., 62; M.A., Dalhousie, 64; Ph.D. (psychol.), McGill, 68. Asst. prof. psychol., MEMORIAL UNIV., 67-70, ASSOC. PROF. PSYCHOL. & DEPUTY DIR. INST. RES. HUMAN ABILITIES, 70- Address: Dept. of Psychology, Memorial University of Newfoundland, St. John's, Newf., Can.
- SKEELS, DR. JOYCE GOLDY, b. Woodbury, N.J., Oct. 13, 27; m. 56; c. 2. ECONOMICS. B.A., Temple, 54; M.A., Wisconsin, 55, Ph.D. (econ), 63. Res. analyst, Nat. Bur. Econ. Res., 64; asst. prof. econ., Northern Illinois, 64-67; RES. ANALYST, 67- Econ. Assn. Monetary economics and reform; labor market economics; women and the labor market. Publ: The early AFL and monetary reform, J. Labor Hist., 70. Address: 9 Moraine Terr., De Kalb, Ill. 60115.
- SKELLY, DR. MADGE. Speech Pathology & Audiology, Theatre. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- SKEWES-COX, PROF. BENNETT. Political Science, International Relations. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Pres. Acad. World Studies, 69-; lectr. exten. California, Berkeley, New. Publ: Peace, truce, or war, Acad. World Studies, 70. Address: Monte Alegre, Box 145, Ross, Calif. 94957.
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- SKINNER, DR. DON COVILL. Religion, Political Science. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- SKINNER, PROF. ELLIOTT P., b. Trinidad, W.I., June 20, 24; U.S. citizen; m. 46; c. 4. ANTHROPOLOGY. B.A., N.Y. Univ., 51; M.A., Columbia, 52, Ph.D., 55. Ford Found. fel., 55-57; via. asst. prof. anthropol., Columbia, 57-59, assoc. prof., 62-66; asst. prof. N.Y. Univ., 59-62; U.S. Ambassador, Upper Volta, 66-69; PROF. ANTHROP., COLUMBIA, 69- U.S.A. Sgt. Anthropol. Soc.; African Studies Assn.; African Heritage Studies Assn. Political change in African societies; urbanization in Africa. Publ: The Mossi of the Upper Volta, Stanford Univ., 64; co-auth. A glorious age in Africa, Double-day, 64. Address: Dept. of Anthropology, Columbia University, New York, N.Y. 10027.
- SKINNER, PROF. G(EO)RGE WILLIAM. Cultural Anthropology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New publ: Co-ed. Modern Chinese Society: an analytical bibliography, Cornell, 68. Address: Dept. of Anthropology, Stanford University, Stanford, Calif. 94305.
- SKINNER, PROF. GORDON S(WETLAND). Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 547 Abilene Trail, Cincinnati, Ohio 45215.
- SKINNER, DR. JAMES E(RNEST). Neurosciences. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- SKINNER, DR. JAMES H. Anthropology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: Hunter College, City University of New York, 695 Park Ave., New York, N.Y. 10021.
- SKLARE, PROF. MARSHALL, b. Chicago, Ill., Oct. 21, 21; m. 47; c. 3. SOCIOLOGY. M.A., Chicago, 48, Ph.D. Columbia, 53. Study sch., Am. Jewish Cmt., 53-55, dir. div. sci. res., 56-66; PROF. sociol., Yeshiva, 56-70; AM. JEWISH STUDIES, BRANDEIS, 70- Fulbright lectr., Hebrew Univ., 65-66; vis. lectr., Princeton Theol. Sem., 68-69. Ethnic Sociol. Assn. Ethnic and racial groups; sociology of religion; contemporary Jewish studies. Publ: Conservative Judaism: an American religious movement, 55 & ed. The Jews: social patterns of an American group, 58, Free Press; co-auth. Jewish identity on the suburban frontier, Basic Books, 67. Address: Dept. of Near Eastern & Judaic Studies, Brandeis University, Waltham, Mass. 02154.
- SKOLNICK, DR. JEROME HERBERT, b. Brooklyn, N.Y., Mar. 21, 31; m. 54. SOCIOLOGY, LAW. B.B.A., City Coll. New York, 52; Jr. Sterling fel., Yale, 55-56, Ph.D. 57. Res. assoc. sociol. & law, Yale, 56-60, asst. prof., 60-62; sociol., California, Berkeley, 62-67, assoc. prof., Chicago, 67-69; PROF. CRIMINOL., CALIFORNIA, BERKELEY, 70- Carnegie fel., law sch., Harvard, 65-66; task force dir. demonstration, protest & group violence, Nat. Cmn. on Causes & Prev. Violence, 68. Consult. Internal Revenue Serv., 59-60; Law & Soc. Center, Calif., 62; crime cmn., Kerner Cmn., U.S.A., 57, Res. 57-, 1st Lt. Sociol. Assn., Soc. Study Social Probs. Sociology of law; effect of stated norms, religious and legal, upon human behavior and values; organization of coercive and normative systems to achieve compliance. Publ: Justice without trial, Wiley, 66; Politics of protest, Ballantine, 69; Scientific theory and scientific evidence, Yale Law J. Address: Dept. of Criminology, University of California, Berkeley, Calif. 94720.
- SKOUG, DR. KENNETH NORDLY, Jr. Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Dep. dir., 69-, Office of German Affairs, U.S. Dept. of State, Washington, D.C. 20025.
- SKRALY, EMILE B. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prin. economist, manpower prog. res. & eval., N.Y. State Div. Employ., 69- Address: 194 Lenox Ave., Albany, N.Y. 12208.
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- SLAGLE, DR. ROBERT O(AKLEY). Strategic Studies, Military History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- SLAKTER, PROF. MALCOLM (JULIAN). Educational Statistics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. State Univ. N.Y., Buffalo, 69- Address: 179 Capen Blvd., Eggertsville, Buffalo, N.Y. 14226.
- SLAMECKA, DR. VLADIMIR. Information Science. See 11th ed, Phys. & Biol. Vols.
- SLATER, DR. BARBARA R., b. Potsdam, N.Y., Feb. 18, 34. PSYCHOLOGY. B.A., St. Lawrence, 55, M.Ed., 59; Ph.D. (psychol.), Columbia, 66. Teacher, secondary schs., 55-62; sch. psychologist, Pelham Mem. High Sch., 66-70; ASST. PROF. PSYCH., HOUSTON, 68- Psychol. Assn. Effects of noise on task performance of children; auditory discrimination in primary school children; perceptual development in children. Publ: Effects of noise on pupil performance, J. Ed. Psychol., 58: 239-243 & Perceptual development of the kindergarten level, J. Clin. Psychol. (in press). Address: Dept. of Psychology, Hofstra University, Hempstead, N.Y. 11550.
- SLATIN, DR. CERALD T., b. Indianapolis, Ind., Dec. 9, 33; m. 56; c. 3. SOCIOLOGY. A.B., Indiana, 56, M.A., 64, Ph.D. (sociol.), 67. Asst. sociol., Indiana, 60-61, res. comput. center, 61-63, teaching assoc. SOCIOL., 63-66; ASST. PROF. CALIFORNIA, LOS ANGELES, 66- U.S.N.R., 56-59, Lt. (jg). AAAS: Sociol. Assn. Sociology of deviant behavior and the experimental analysis of simulated non-conformity in small group situations in the laboratory; statistical applications in sociology and research methodology. Publ: Sources of variation in United States city crime, 1950 and 1960, J. Res. Crime & Delinquency, 7/64; Ecological analysis of delinquency: aggregation effects, Am. Sociol. Rev., 12/69. Address: Dept. of Sociology, University of California, Los Angeles, Calif. 90024.
- SLATTERY, VERY REV. KENNETH F., C.M. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- SLATTERY, THEODORE BURNELL. Management Sciences, Operations Research. See Suppl. V to 11th ed, Phys. & Biol. Vols.



- SLAWSON, DR. JOHN. Social Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. exec. v.pres, Am. Jewish Cm't. Inst. Human Rel., 67-. Address: 19 E. 88th St, New York, N.Y. 10028.
- SLECHTA, PROF. DONALD B(JENAMIN). Political Science, Law. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: J.D. Washburn, 69. Prof, 69-, chmn, 70-. Dept. of Political Science, Ft. Hays Kansas State College, Hays, Kans., 67602.
- SLEEPER, DR. DAVID C. b. Concord, N.H., Jan. 12, 27; m. 58; c. 4. MARKETING MANAGEMENT. B.B.A., Toledo, 57; M.B.A., 58; assistantship & Ph.D.(mkt. mgmt. & econ). Ohio State, 65. Asst. prof. mkt. Kent State, 60-64; mkt. & econ, SOUTH FLORIDA, 64-66. ASSOC. PROF. MKT., 66-. CHMN. DEPT. 68-. U.S.N., 44-45. Mkt. Asn; Sales & Mkt. Execs. Int. Market studies; customer and firm images; operational guidance of marketing and advertising programs; marketing education; use of computer as a problem solving educational tool. Address: Dept. of Marketing, College of Business Administration, University of South Florida, Tampa, Fla. 33620.
- SLESINGER, PROF. REUBEN E. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also assoc. dean arts & sci, University of Pittsburgh, 1028H Cathedral of Learning, Pittsburgh, Pa. 15213.
- SLICE, PROF. LESLIE F. b. Leedey, Okla., Dec. 3, 08; m. 35; c. 3. AGRICULTURAL ECONOMICS. B.S. Okla. State, 37; Illinois, 41-42. Extens. economist, Okla. State, 39-41; EXTEN. ECONOMIST & PROF. AGR. ECON., ILLINOIS, URBANA, 42-. Economic trends in grain industry—transportation, prices, futures, country elevator management. Address: R.R. 3, Champaign, Ill. 61820.
- SLICK, DR. MAX HARRELL. Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: No longer head, Dept. of Geography, Kutztown State College, Kutztown, Pa. 19530.
- SLIGER, DR. BERNARD FRANCIS. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Exec. dir., 69-. Louisiana Coordinating Council for Higher Education, Box 44362, Capitol Station, Baton Rouge, La. 70804.
- SLOAN, DR. LEE, b. Oilton, Okla., Mar. 2, 36; m. 59; c. 3. SOCIOLOGY. B.A. Sacramento State Col. 61; M.A., Mich. State, 63, Ph.D.(sociol), 67. ASST. PROF. SOCIOL., FLA. STATE, 67-. Vis. asst. prof., Hawaii, summer 68. U.S.A., 55-57. Sociol. Asn. Publ. The black teacher. In: Urban government, Free Press, 69. Good government and the politics of race, Soc. Probs. J., fall 69. Address: Dept. of Sociology, Florida State University, Tallahassee, Fla. 32306.
- SLOBODIN, PROF. RICHARD. Anthropology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. Tech. Dept. of Sociology & Anthropology, McMaster University, Hamilton, Ont., Can.
- SLOCUM, DR. JOHN W. JR. b. New York, N.Y., Sept. 3, 40; m. 64; c. 1. ORGANIZATIONAL BEHAVIOR, MANAGEMENT. B.B.A., Westminster Col., 62; M.B.A. Kent State, 64; D.B.A., Washington (Seattle), 67. Indust. res. staff reg. B.F. Goodrich Co., 63-64; staff assoc. to dean bus., Washington (Seattle), 65-67; asst. prof. MGT., PA. STATE, 67-69. ASSOC. PROF., 69-. Instr., Seattle Univ., 66; v.pres. & consult., Mkt. Sys. Anal., 67-; res. fel., Stanford Steel Corp. & Gulf Oil Found. res. grant, 68-; Nat. Sci. Found. fel. impact of comput. on behav. sci. 69. Relationship between satisfaction with environmental work factors and their effect on productivity and social control in industrial enterprises; behavioral consequences of social class membership on consumer decisions. Publ.: Co-auth., The management of scientific manpower, Mgt. Sci., 4/68; auth., Group cohesiveness: a salient factor affecting students' academic achievement in a collegiate environment, Int. J. Ed. Sci., fall 68; co-auth., Social class and commercial bank credit usage, J. Mkt., 1/69. Address: Dept. of Management, College of Business Administration, Pennsylvania State University, University Park, Pa. 16802.
- SLONIM, MORRIS J(AMES). Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, 69. Address: 1501 Belmont Dr, Orlando, Fla. 32806.
- SLOTKIN, ELIZABETH J(OSEPHINE). Statistics, Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Ment. health res. supvr, III. Dept. Ment. Health, 65-. Address: 5512 Woodlawn Ave, Chicago, Ill. 60637.
- SLOVIC, DR. (STEWART) PAUL, b. Chicago, Ill., Jan. 26, 38; m. 59; c. 3. EXPERIMENTAL PSYCHOLOGY. B.A., Stanford, 59; M.A., Michigan, 62, Ph.D.(psychol), 64. RES. ASSOC. ORE. RES. INST., 64. AAAS; Psychol. Asn; Psychonomic Soc. Experimental study of human judgment, decision process and risk-taking. Publ.: Co-auth., The importance of variance preferences in gambling decisions, J. Exp. Psychol., 78: 646-654. The relative importance of probabilities and payoffs in risk-taking, J. Exp. Psychol. Monogr. Suppl., Vol. 78, No. 3; auth., Analyzing the expert judge: a descriptive study of a stockbroker's decision process, J. Appl. Psychol., 53: 255-263; plus others. Address: Oregon Research Institute, P.O. Box 3196, Eugene, Ore. 97403.
- SMALL, PROF. GEORGE L. b. Malden, Mass., Mar. 27, 24. GEOGRAPHY. B.A. Brown, 50; M.I.A. Columbia, 52, Ph.D.(geog), 68; Rotary Found. fel., Geneva, Switzerland, 52-53. Instr., Judson Sch., Ariz., 55-61; Phoenix Country Day Sch., 61-62; lectr. GEOG., Hunter Col., 64-68; PROF., RICHMOND COL. (N.Y.), 68-. U.S.A., 42-46. Am. Geog. Soc., Asn. Am. Geog. Catecaen conservation, man's use of flood lands of the world. Publ.: The blue whale, Columbia Univ., 70. Address: Dept. of Geography, Richmond College, 130 Stuyvesant Place, Staten Island, N.Y. 10301.
- SMALL, DR. IVER FRANCIS, b. Saak, Sept. 19, 23; U.S. citizen; m. 54; c. 4. ACADEMIC PSYCHIATRY. B.A. Saskatchewan, 51; M.D., Mar. 54; M.S., Michigan, 60. Asst. prof. psychiat., med. sch., Oregon, 60-62; sch. med., Wash-
- ington (St. Louis), 62-65; assoc. prof. PSYCHIAT., MED. CENTER, INDIANA, INDIANAPOLIS, 65-69. PROF., 69-. ASST. SUPT., LARUE D. CARTER MEM. HOSP., 65-. Consult., Indianapolis Vet. Admin. Hosp., 66-; Am. Med. Asn. Coun. on Drugs, 67. Dipl. psychiat., Am. Bd. Neurol. & Psychiat., 59. AAAS; fel. Psychiat. Asn.(cert. ment. hosp. adminstr., 64); Asn. Res. Nerv. & Ment. Disease (secy, 68); Soc. Biol. Psychiat.(asst. secy, 70). The predictive validity of the psychiatric history; the relationship of the data of the psychiatric history to the neurophysiological variables of mental disorders. Publ.: Ed. Outline guides for medical history taking, Ind. Univ. Med. Center, 68 & Introduction to the clinical history, Med. Exam. Pub. Co. Inc., 70; co-auth., The fate of the mentally ill physician, Am. J. Psychiat., 4/69. Address: Dept. of Psychiatry, Indiana University School of Medicine, Indianapolis, Ind. 46202.
- SMALL, DR. JOYCE G. Psychiatry. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- SMALLEY, DR. NEAL S(TUART). b. Alhambra, Calif., Apr. 5, 41; m. 67. THEORETICAL & SOCIAL PSYCHOLOGY. A.B. Southern California, 63; Nat. Defense Ed. Act fel., Claremont Grad. Sch., 63-68, M.A., 65, Haynes Found. fel., 66-67, Ph.D.(psychol), 67. Instr., PSYCHOL., Mt. San Antonio Col. (Calif), 66-67; ASST. PROF., Thiel Col., 67-70; STATE UNIV. N.Y. COL. PLATTSBURGH, 70-. Psychol. Asn. Psychological theory construction; history of psychology; social psychology; cognitive processes; interpersonal perception. Address: Dept. of Psychology, State University of New York College at Plattsburgh, Plattsburgh, N.Y. 12903.
- SMALLWOOD, PROF. FRANK. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Chmn. soc. sci. div. & assoc. dean faculty, 68-. Dartmouth College, Hanover, N.H. 03755.
- SMARDAN, DR. LAURENCE E(EUGENE). Child Psychology, Family Relations. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also asst. dean, 69-. School of Professional Studies, Fresno State College, Fresno, Calif. 93726.
- SMART, DR. DAVID WAYNE, b. Rexburg, Idaho, May 9, 39; m. 67. PSYCHOLOGY. B.A., Brigham Young, 64; M.A., Utah, 67, Ph.D.(counseling psychol), 69. Consult. clin. psychol., Utah State Dept. Health, 67-69; ASST. PROF. STUDENT PERSONNEL-COUNSELING, NORTHERN COLORADO, 69-. U.S.A.R., 56-64. Emotional problems of college students. Address: 903 19th St, Apt. 7, Greeley, Colo. 80631.
- SMART, DR. MOLLIE STEVENS, b. Chatham, Ont., Apr. 11, 16; U.S. citizen; m. 39; c. 3. CHILD DEVELOPMENT, FAMILY RELATIONS. A.B., Toronto, 36; Merrill-Palmer Inst., 36-37; M.A., Michigan, 41; Fulbright scholar, India, 66-67; Ph.D.(ed), Delhi, 69. Faculty mem. psychol., Merrill-Palmer Inst., 37-41; clin. psychologist, Consultation Bur., Mich., 41-42; RES. & WRITING, 42-. Part-time develop. & family rels. Coun., 45-50, part-time assoc. prof., Rhode Island, 53-; coordinator col. year in India prof., Wisconsin, 67-68. Head Start consult. off. Econ. Opportunity, 65-66. Psychol. Asn; Home Econ. Asn; Soc. Res. Child Develop. Personality development in Indian adolescents. Publ.: Co-auth., Living and learning with children, 49, 56 & 61 & Living in families, 58-65, Houghton & Children: development and relationships, Macmillan, 67. Address: Dept. of Child Development & Family Relations, University of Rhode Island, Kingston, R.I. 02881.
- SMEAD, PROF. ELMER E(MANUEL). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. prof., 70-. Dept. of Government, Dartmouth College, Hanover, N.H. 03755.
- SMEETON, PROF. CECIL BROOKS. Marketing. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 68-. Dept. of Business Administration, Lake Superior State College, Ontario Hall, Sault Ste. Marie, Mich. 49783.
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- SMITH, DR. BARRY D(ECKER). b. Harford, Pa., June 12, 40; m. 63; c. 2. PSYCHOLOGY. B.S., Pa. State, 62; M.A., Bucknell, 64; U.S. Pub. Health Serv. fel., Massachusetts, 66-67, Ph.D.(psychol), 67. ASST. PROF. PSYCHOL., MARYLAND, 67. Univ. Maryland Gen. Res. Bd. & Biomed. Sci. Bd. grants, 67-68; U.S. Pub. Health Serv. grant, 68-69. Psychol. Asn; Psychonomic Soc. Parameters of psychophysiological habituation; psychophysiological correlates of personality variables; general and future anxiety; conflict. Publ.: Co-auth., Motivation, McGraw, 67; Theoretical approaches to personality, 70 & Personality theory: a source book, 70. Appleton. Address: Dept. of Psychology, University of Maryland, College Park, Md. 20740.

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- SMITH, PROF. CALEB A(LLEN). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. & chmn, 69-, Dept. of Economics, South-eastern Massachusetts University, Dartmouth, Mass. 02747.
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- SMITH, DR. GEORGE LEONARD, JR., b. Bellefonte, Pa., Sept. 6, 35; m. 62; c. 2. INDUSTRIAL & HUMAN FACTORS ENGINEERING. B.S., Pa. State, 57; M.S., Lehigh, 59 & 67; Nat. Sci. Found. fel., Okla. State, 67-68, Ph.D. (indust. eng.), 69. Instr. INDUST. ENG., Pa. State, 58-59; Lehigh, 59-67; res. asst., Okla. State, 67-68; ASST. PROF., OHIO STATE, 68- Job analyst, Air Prod. & Chem. Inc., 59-60; sys. engr., Frankfort Arsenal, 63. Human factors consult., West. Elec. Co., 66; salary admin. consult., Air Prod. & Chem. Inc., 67. Inst. Indust. Eng.; Soc. Eng. Ed.; Human Factors Soc. Man-machine systems performance, especially manufacturing systems and automobile driving. Address: Dept. of Industrial Engineering, Ohio State University, Columbus, Ohio. 43210.
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- SMITH, DR. JEAN P(AUL). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. dir. joint progs. psychopharmacol., criminol. & community psychol., inst. student human probs., Stanford, 69- Address: 427 Traverso Ave, Los Altos, Calif. 94305.
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- tion, attention and cognition. Publ: Co-auth, Casework service to chronically dependent multiproblem families: a research demonstration, Soc. Sci. Rev. 37: 33-40, Comparison of meaningfulness and pronouncability as grouping principles in the perception and retention of verbal material, J. Exp. Psychol. 87 & The study: methodology and findings, In: The multi-problem dilemma, Scarcrow, 68. Address: Dept. of Psychology, City College of New York, New York, N.Y. 10031.
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- SMITH, DR. M. ESTELLIE. Anthropology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 70-, Dept. of Anthropology, State University of New York Brockport, Brockport, N.Y. 14420.
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- developed exporting countries, winter 69 & The distorting effects of an employer payroll tax, summer 70, Quart. Rev. Econ. & Bus.; co-auth. A further note on the cost implications of fluctuating demand, J. Financial & Quart. Anal., 9/70. Address: 1719 Juniper Dr., Apt. 159, Bowling Green, Ohio 43402.
- SMITH, DR. VIRGIL RUSHMAN, b. Lethbridge, Alta., Jan. 4, 25; U.S. citizen; m. 53; c. 3. SOCIOLOGY. SOCIAL PSYCHOLOGY. B.S. Brigham Young, 50, M.S., 54; cert. Utah, 51; Ph.D. (sociol.), Utah State, 68. Soc. worker, Los Angeles and San Francisco Counties, 54-59; ed. The Instructor, Salt Lake City, 59-65; asst. prof. SOCIOLOGY, Cent. Wash. State Col., 66-67; Northeast La. State Col., 67-68; ASSOC. PROF., YOUNGSTOWN STATE COL., 68-69, res. grant, 69-70. U.S.A.A.F., 43-46. Sociol. Asn.; Int. Commun. Asn. Semantic measures; dynamics of conformity; communication handicaps between regions, ethnic groups and status positions; cognitive dissonance; college relationships; welfare goals and functioning; business and industrial systems and change; urban planning. Publ.: Communication filters, The Instructor, 7/63. Adapting a machine-read response sheet for combined use as a semantic differential scale questionnaire, Ed. & Psychol. Measurement, 68 & Non persuasively induced dissonance-reducing covert altruistic action, Psychol. Reports, 69. Address: Dept. of Sociology, Youngstown State University, Youngstown, Ohio 44503.
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- SMYTH, PROF. DAVID JOHN, b. Twickenham, Eng., Apr. 19, 36; m. 69. ECONOMIC. B.Econ. Queensland, 57; M.Econ. 60; Univ. Queensland scholar, London Sch. Econ., 63-65; Ph.D. (econ), Birmingham, 68. Lectr. econ., Queensland, 57-60; Birmingham, 63-65, sr. lectr. math. econ., 65-67; PROF. ECON., STATE UNIV. N.Y., BUFFALO, 67- Consult., U.K. Dept. Econ. Affairs, 65-67. Econ. Asn.; Economet. Soc.; Finance Asn. General and quantitative economics; econometrics; monetary and fiscal policy; business cycles; forecasting macroeconomics. Publ.: Monetary factors and multiplier-accelerator interaction, Economica, 11/63; Built-in flexibility of taxation and automatic stabilization, J. Polit. Econ., 8/66; co-auth. The specification of short-run employment models, Rev. Econ. Studies, 4/70. Address: 99 Candlewood Lane, Williamsville, N.Y. 14221.
- SMYTHE, DR. MABEL M (URPHY). Economics. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New information: Consult. Encyclop. Britannica Ed. Corp., 69- Address: 345 Eighth Ave., New York, N.Y. 10001.
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- SNOOK, DR. JANICE (B), b. San Diego, Calif., Aug. 19, 38. POLITICAL SCIENCE. A.B. Regis Col., 60; M.S., Fla. State, 62; Ph.D. (govt. sci.), Maryland, 69. Instr. POLIT. SCI., Rosemont Col., 62-65; Maryland, 66-68; ASST. PROF. SOUTH FLORIDA, 68- Polit. Sci. Asn. Judicial philosophy and judicial behavior: the case of Mr. Justice Cardozo. Address: Dept. of Political Science, University of South Florida, Tampa, Fla. 33620.
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- SNOW, DR. ROBERT E. History of Science. See Suppl. V to 11th ed. Phys. & Biol. Vols.
- SNOWDON, DR. CHARLES THOMAS. Physiological Psychology, Ethology. See Suppl. VI to 11th ed. Phys. & Biol. Vols.
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- EMPLOY. & VOC. SERV.** 61- Univ. Pennsylvania grant, 48-49; Am. Philos. Soc. grants, 56-61; lectur. Temple Univ. 63- Consult. U.S. Employment Serv. 61-67; Soc. Security Bd. 65- Mem. White House Conf. Children & Youth. AAAS; Anthropol. Assn. Primitive warfare; medicine, social organization, rehabilitation and psychological reaction to disabilities; problems of culturally different youth; assessment techniques other than psychological tests. Publ: Behind the tree of peace: a sociological analysis of Iroquois warfare. Pa. Archeologist, 48; Concepts of land ownership among the Iroquois and their neighbors. Bur. Am. Ethnol., 149: 13-34; The function of wampum in Iroquois religion. Am. Philos. Soc. 105: 571-609. Address: 1406 Park Towne Place W., Philadelphia, Pa. 19130.
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- SOBEL, DR. MORTON (JOSEPH), b.** Detroit, Mich., Aug. 9, 16; m. 40; c. 2. EDUCATION. SOCIOLOGY. B.A. Wayne State, 38, M.A., 41. Ed.D.(guid. & counseling, ed. admin.) 54; hon. L.H.D. Great Lakes Col., 58. Teacher, guid. counselor & adminstr. pub. schs, Mich, 38-53; regional dir., Anti-Defamation League of B'nai B'rith, Detroit, 53-59; dir. Nat. dept. cols. & univ., New York, N.Y., 59-64; asst. nat. exec. dir. community rels. Jewish War Vet. U.S. 64-67; dir. sch. desegregation prog. pub. schs, D.C. 67-69; ED. INTEGRATION SPECIALIST. N.Y. STATE ED. DEPT. 69- Spec. instr., Wayne State, Detroit, N.Y. Univ., Kansas City, Rutgers, Colo. Col. D.C. Teachers Col., George Washington, 46-68; acting dir., equal ed. opportunities prog., U.S. Off. Ed. 65. Mem. White House Conf. Children & Youth 49-50. C.S.A. 49 & 5. Personnel & Guid. Assn. Adult Ed. Assn. U.S. History; intergroup relations. Publ. Contrib. ed. Dictionary of political science, Philos. Libr., 64; auth. Sociodrama in the classroom. Soc. Ed. 4/ 52 & Theory into practice, Ohio State Univ., 6/ 63. Address: 69 Forest Ave, Albany, N.Y. 12208.
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- SOLSO, DR. ROBERT L, b.** Sioux City, Iowa, June 22, 33; m. 56; c. 3. PSYCHOLOGY. A.B., Hastings Col, 57; Atomic Energy Cmn. grant, Nebraska, 57-59, A.M., 59; Nat. Inst. Ment. Health grant, Iowa, 61-62, Nat. Sci. Found. grant, 62; NASA grant, St. Louis, 66-67, Ph.D.(psychol), 67. Asst. prof. PSYCHOL, Moorhead State Col, 59-65; assoc. prof. 67-66; chmn. dept., 61-65; ASSOC. PROF., LOYOLA (ILL), 68. Nat. Inst. Ment. Health grant, 68-69. U.S.A., 53-55. Psychol. Assn. Human learning, specifically verbal learning. Publ: Co-auth. Experimental psychology, Harper, 70; auth. Stimulus selection . . . , J. Exp. Psychol., 68. Address: Dept. of Psychology, Loyola University of Chicago, Chicago, Ill. 60626.
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- SONDER, DR. OTTO L(OUIS), JR.** Sociology. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position & address: Dean liberal arts & sci., 68-, Williamsport Area Community College, 1005 W. Third St, Williamsport, Pa. 17701.
- SONNENSCHNEIN, PROF. HUGO FREUD, b.** Nov. 14, 40; U.S. citizen; m. 62; c. 3. ECONOMICS. A.B., Rochester, 61; Ph.D.(econ), Purdue, 64. Asst. prof. ECON, Minnesota, 61-67; Ph.D., assoc. prof. 67-69, PROF., 69-70; MASSACHUSETTS AMHERST, 70- Vis. prof., Univ. of Andes, Colombia, 65; Soc. Sci. Res. Cmn. res. training fel., 67-68; vis. prof., Pa. State, 68-69; Ford Found. faculty res. fel., 70-71. Economet. Soc; Math. Soc; Econ. Assn. Economic theory; mathematical methods in economics. Publ: The relationship between transitive preference and the structure of the choice space, 7/ 65 & co-auth. Price of business and economic welfare, 4/ 70, Econometrica & The terms of trade, the gains from trade, and price divergence, Int. Econ. Rev, 1/ 67. Address: Dept. of Economics, University of Massachusetts, Amherst, Mass. 01002.
- SONSTEGAARD, DR. MILES H(ARRY).** Economics, Operations Analysis. See L-Z Vol., 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. econ. & res. assoc., 69-. College of Business Administration, University of Arkansas, Fayetteville, Ark. 72701.

- SONSTEGARD, PROF. MANFORD A(LDRICH). Psychology, Guidance. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 504 Forestry Towers, West Virginia University, Morgantown, W.Va. 26506.
- SORENSEN, ERIC EDGAR. Operations Analysis. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Independent mgt. consult, 69- Address: 651 Port Dr, San Mateo, Calif. 94404.
- SORENSEN, DR. MOURITS A(XEL). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Psychologist, Upper Miss. Ment. Health Center, 69- Address: Rural Route 5, Bemidji, Minn. 56601.
- SORENSEN, PROF. FRANK E. Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. ed. admin, 69-, Teachers College, Room 31F, University of Nebraska, Lincoln, Nebr. 68508.
- SORENSEN, DR. JOHN L(EON). Anthropology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Pres, Bonneville Res. Corp, 69- Address: 292 W. 1700 South, Orem, Utah 84057.
- SORIANO, DR. ABRAHAM. Management Science, Operations Research. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Feature ed, Nat. Soc. Corp. Planning, Address: 15 Cherry Hill Rd, Livingston, N.J. 07039.
- SORKIN, DR. ALAN. B. Decatur, Ill. Nov. 2, 41; m. 67. ECONOMICS. B.A. Hopkins, 63, M.A. 64, Nat. Sci. Found. summer fels, 65, 66, Ph.D.(econ), 66. Mem. tech. staff, Res. Anal. Corp, 66-67; res. assoc. econ, Brookings Inst, 67-69; ASST. PROF. ECON. & INT. HEALTH, HOPKINS, 69- Econ. Assn. Economics of education; influence of economic factors on migration; economic and social problems of the American Indian. Publ: Some factors associated with tuition in public and private colleges and universities, Col. & Univ, fall 68, American Indians industrialize to combat poverty, Monthly Labor Rev, 3/69 & Education, migration and Negro unemployment, Soc. Forces, 3/69, Address: 3407 Vargas Circle, Apt. 3A, Baltimore, Md. 21207.
- SORLEY, LT. COL. LEWIS STONE, III, U.S.A. b. West Point, N.Y. Aug. 3, 34; div. c. 1. SOCIOLOGY, INTERNATIONAL RELATIONS. B.S. U.S. Mil. Acad, 56; M.A. Pennsylvania, 63; U.S. Naval War Col, 67-68. U.S. ARMY, 56-, from instr. to asst. prof. Eng. U.S. Mil. Acad, 63-66; ops. staff officer, 1 Field Force Vietnam & exec. officer, 1st Tank Battalion, 69th Armor, Vietnam, 66-67; ASST. SECY. OF GEN. STAFF, OFF. CHIEF STAFF, WASH, D.C. 68- Vis. lectr, Rhode Island, 67-68; George Washington, 68. George Washington Honor Medal, Freedoms Found, Valley Forge, Pa, 66; Legion of Merit, Air Medal with two Oak Leaf Clusters & Vietnamese Cross of Gallantry with Palm, 67. Decision making processes; military sociology; civil-military relationships; problems of developing nations. Publ: A sound basis for career motivation, Infantry, 3-4/65; The quiet war: revolutionary development, Mil. Rev, 11/67; Man in the middle: the battalion executive officer, Armor, 11-12/68. Address: Office of the Chief of Staff, U.S. Dept. of the Army, Washington, D.C. 20310.
- SORRELLS, DR. JAMES MARSHALL, b. Atlanta, Ga. Dec. 18, 38. CLINICAL PSYCHOLOGY. B.A. Emory, 60; Ph.D. (psychol), California, Berkeley, 65. Asst. prof. psychol, San Jose State Col, 65-66; chief training eval, Ment. Res. Inst, 67-69; center Human Commun, 67-69; PROF, STAR KING SCH. RELIG. LEADERSHIP, 68-, RES. ASSOC, DEPT. PHILOS, CALIFORNIA, BERKELEY, 69- Family ther. consult, psychol, staff, Agnew State Hosp, 66. Assoc. Psychol. Assn. Family therapy; non-professional therapeutic relationships; nature of mystical experience and relevance of meditation to therapy; psychoactive drugs. Publ: Toward an integrated theory of families and family therapy, Psychotherapy, 69. Address: 10033 Broadway Terr, Oakland, Calif. 94611.
- SORSBY, DR. FELMAN B(ASCOM). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Psychology, Tennessee Wesleyan College, Athens, Tenn. 37303.
- SOURS, DR. JAMES (KINGSLEY). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Pres, South. Ore. Col, 69- Address: 610 Elkader, Ashland, Ore. 97520.
- SOUTHALL, DR. AIDAN WILLIAM. Anthropology, Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Anthropology, University of Wisconsin, 1180 Observatory Dr, Madison, Wis. 53706.
- SOUTHARD, DR. CURTIS G. Mental Health. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Grosvenor Park Apartments, 10401 Apt. 910, Rockville, Md. 20852.
- SOUTHARD, DR. SAMUEL. Theology. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig., & Law.
- SOWELL, PROF. THOMAS. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Ph.D.(econ), Chicago, 68. Assoc. prof, 69-, Dept. of Economics, Brandeis University, Waltham, Mass. 02154.
- SPACHE, PROF. GEORGE D(ANIEL). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Emer. prof, Florida, 69- Address: 7221 Sandy Bluff Dr, Jacksonville, Fla. 32211.
- SPEATH, DR. DAVID H. b. Philadelphia, Pa. Oct. 25, 24; m. 45. ECONOMICS, REGIONAL DEVELOPMENT. B.S. Kentucky, 53; M.S. Mich. State, 60, Ph.D.(agr. econ), 62. Res. asst. agr. econ, Mich. State, 58-62; economist, regional anal. div, Econ. Res. Serv. U.S. Dept. Agr, 62; sr. economist, Spindletop Res. Inc, Ky, 62-63, mgr. indust. econ. prog, 63-64; economist, regional develop. & trade div, Econ. Res. Serv. U.S. Dept. Agr, Taiwan, 64-65; sr. regional economist, Spindletop Res. Inc, 66, mgr. regional development, 66-68, regional develop. div, 68-69; CONSULT. ECON, 69- Staff consult, Spindletop Res. Inc, Ky, 69-; consult, Volt Tech. Corp, D.C. 69- U.S.A. 43-46, S/Sgt. Agr. Econ. Assn; Asm. Asian Studies. Applied research and developmental systems design to assist in the socio-economic development of non-metropolitan areas; design of urban services delivery systems; economic market analyses, including cooperatives. Publ: Economic viability of small underground coal mines in eastern Kentucky, Ky. Dept. Commerce; Preliminary systems design for the organization of vocational education in the Kentucky Manpower Development Program, Ky. Adv. Coun. on Voc. Ed, Frankfort, 70; Quasi-cooperative arrangements: the Japanese and Taiwanese experience, In: Agricultural cooperatives and markets in developing countries, Praeger, 69. Address: Nolin Gardens, Big Clifty, Ky. 42712.
- SPAHR, DR. WALTER E(ARL). Economics. See 11th ed, Soc. & Behav. Vols, deceased 70.
- SPAIN, DR. JAMES W. b. Chicago, Ill, July 22, 26; m. 51; c. 4. POLITICAL SCIENCE. M.A. Chicago, 49; Ford Found. fel, 53-55; Ph.D.(polit. sci), Columbia, 59. V.consul, Am. Embassy, Karachi, Pakistan, 51-53; free lance writer & consult, Mid.E. 55-63; mem. policy planning coun, U.S. DEPT. STATE, 63-64, dir. res. & anal. Near E. & S. Asia, 64-; Pakistan & Afghanistan, 66-69, CHARGE D'AFFAIRES, AM. EMBASSY, RAWALPINDI, PAKISTAN, 69- U.S.A. 46-47, T/Sgt. Coun. For. Rel; Mid. East Inst; Royal Cent. Asian Soc. Foreign policy of South Asia. Publ: The way of the Pathans, Robert Hale, London, 61; The Pathan borderland, Mouton, The Hague, 62. Address: 2244 Cathedral Ave. N.W., Washington, D.C. 20008.
- SPANER, DR. FRED E. Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Chief community ment. health centers consult. sect, 68-, National Institute of Mental Health, 5454 Wisconsin Ave, Chevy Chase, Md. 20015.
- SPANGLER, DR. CHARLES BISHOP. Applied Mathematics, Physics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- SPANGLER, DR. HAYWARD G(OSSE). Entomology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- SPANGLER, DR. JOHN DAVID. Religion, Psychology of Religion. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig., & Law.
- SPANIER, DR. DOUGLAS A. b. Dysart, Sask, Sept. 1, 37; U.S. citizen; m. 61; c. 1. PSYCHOLOGY. B.A. West. Wash. State Col, 61; M.A. Nebraska, 65, Ph.D.(psychol), 68. Asst. psychologist, Lincoln State Hosp, Neb, 66-67; res. assoc. PSYCHOL, New Mexico, 67-69; ASST. PROF, STANISLAUS STATE COL, 69- Psychol. Assn. Learning; discrimination; incentives. Publ: Co-auth, Excessive drinking in rat, Psychonomic Sci, 68. Address: Dept. of Psychology, Stanislaus State College, Turlock, Calif. 95380.
- SPANO, DR. BARTOLO JOHN, b. Cortland, N.Y. June 11, 34. CLINICAL PSYCHOLOGY. A.B. Maryknoll Col, 56; Buffalo, 60; Off. Voc. Rehab. grant & M.A. Illinois, 61; U.S. Pub. Health Serv. stipend & Ph.D.(behav. sci. in elem. sch), Florida, 65. Instr. psychol. & couns. Western Kentucky, 62-63; internship clin. psychol. S.Shore Ment. Health Center, Quincy, Mass, 64-65; asst. prof. psychol, Pa. State, 65-66; dir. off. psychol. serv. Rosary Hill Col, 66-69; ASSOC. PROF. PSYCHOL. & DIR. OFF. PSYCHOL. SERV, WRIGHT STATE, 69- Summers, vis. lectr. Univ. Illinois, 66 & 69. Staff consult, Family & Children Serv. & Cath. Charities, Altoona, Pa, 65-66; Meyer Mem. Hosp, Buffalo, N.Y. & consult, Mt. St. Mary's Hosp, Niagara Falls, 67-69. Psychol. Assn; Personnel & Guid. Assn; Acad. Relig. & Ment. Health. Behavioral sciences on elementary school level; identity crisis in adolescents; approaches in preventive mental health. Address: Office of Psychological Services, Wright State University, Dayton, Ohio 45431.
- SPARROW, DR. SARA STELLE. Psychology, Speech Pathology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Res. staff psychologist, 69-, Dept. of Psychology, Yale University, New Haven, Conn. 06511.
- SPAUDLING, DR. ROBERT MILLER, JR. Modern Japanese History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- SPELTZ, DR. MICHAEL EDWARD, b. Dubuque, Iowa, June 11, 31; m. 57; c. 2. INDUSTRIAL PSYCHOLOGY. A.B. California, Los Angeles, 56, M.A. 63, Ph.D.(indust. psychol), 65. Forecasting coordinator, Gen. Tel. Co. of Calif, 56-61; indust. psychologist, Safeway Stores, Inc, 65-66; Sun Oil Co, 66-67; sr. engr. Data Sys. Div, Litton Industries, Inc, 68; ASST. PROF. INDUST. PSYCHOL, COL. BUS. ADMIN, SAN FRANCISCO, 68- Sig. C. U.S.A. 52-54. Psychol. Assn; Soc. Psychol. Study Social Issues. Managerial psychology; professional development; creativity; manpower planning; social issues. Address: College of Business Administration, University of San Francisco, San Francisco, Calif. 94117.
- SPEAKS, DR. CHARLES E(EDWARD). b. Coshocton, Ohio, June 29, 35; m. 56. SPEECH PATHOLOGY, PSYCHOACOUSTICS. B.S. Ohio, 57, M.A. 58; Ph.D. (speech path, audiol), Michigan, 63. Lectr. speech, Michigan, 61-62, instr. 62-63; res. instr. audiol. col. med, Baylor, 63-67; res. asst. prof. 67-68; ASSOC. PROF. SPEECH, MINNESOTA, MINNEAPOLIS, 68- Res. assoc. Res. Inst. Houston, 63-68, assoc. dir. res. 67-68; Nat. Insts. Health & Voc. Rehab. Admin. grants, 65-68; vis. lectr., Texas, 67-68; ASST. Acoustical Soc. Am; Speech & Hearing Assn. Speech perception processes in the normal and pathologic auditory systems. Address: 409 Folwell Hall, University of Minnesota, Minneapolis, Minn. 55455.
- SPEAR, DR. NORMAN EBERMAN. Experimental Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof, 69-, Dept. of Psychology, Rutgers, The State University, New Brunswick, N.J. 08903.
- SPEAR, DR. PAUL S. b. Minot, N.Dak, July 26, 41. CHILD PSYCHOLOGY. A.B. Taylor, 63; M.A. Wyoming, 65; Ph.D.(child psychol), Denver, 68. ASST. PROF. PSYCHOL, SAN DIEGO STATE COL, 68- Instr. Prog. Affat Ed, 68- Summer psychol. consult, Head Start Prog, 66. Soc. Res. Child Develop; Psychol. Assn. Effects of social reinforcement on children's motivation,



- learning & motor performance; rapid eye movement sleep and dreaming in children and adults. Address: Dept. of Psychology, San Diego State College, San Diego, Calif. 92115.
- SPECHT, DR. DONALD FRANCIS. Electrical Engineering. See Suppl. VI to 11th ed. Phys. & Biol. Vols.
- SPECK, DR. SAMUEL W, JR. b. Canton, Ohio, Jan. 31, 37; m. 62; c. 2. POLITICAL SCIENCE. B.A. Muskingum Col., 50; Rotol. fel. Univ. of Rhodesia & Nyasaland, 61; M.A. Harvard, 63, Ph.D.(polit. sci.), 68. ASSOC. PROF. POLIT. SCI., MUSKINGUM COL., 63-68. CHMN. DEPT., 68. Polit. Sci. Assn. fel. African Studies Assn. Address: Dept. of Political Science, Muskingum College, New Concord, Ohio 43762.
- SPECTOR, DR. BERTRAM. Biomedical Sciences. See Suppl. VI to 11th ed. Phys. & Biol. Vols.
- SPECTOR, DR. MALCOLM. b. St. Louis, Mo., July 18, 43; m. 67. SOCIOLOGY, SOCIAL PSYCHOLOGY. B.A. Northwestern, 66; Russell Sage Found. fel., 67-68, M.A., 68, Ph.D.(sociol.), 69. ASST. PROF. SOCIOL., MCGILL, 68-69. Am. Sociol. Assn. Soc. Study Social Probs; Can. Soc. Sociol. & Anthropol. Symbolic interaction, especially sub-cultures and socialization. Address: Dept. of Sociology, McGill University, Montreal 2, Que. Can.
- SPECTOR, DR. NOVERA HERBERT. Neurophysiology, Biophysics. See Suppl. V & VI to 11th ed. Phys. & Biol. Vols.
- SPEER, DR. JAMES PAUL, II. Political Science, International Relations. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Assoc. prof. polit. sci., 69. Dept. of Politics & Philosophy, Southwest Missouri State College, Springfield, Mo. 65802.
- SPEETH, DR. KATHLEEN RIORDAN, b. New York, N.Y., Feb. 12, 37; div. c. 2. PSYCHOLOGY, EDUCATION. B.A. Barnard Col. Columbia, 59, Barnard fel. Columbia, 59, M.A., 61. Ph.D.(psychol.), 67. Sr. systs. analyst, Basic Sys. Inc., 63-66; ed. psychologist, ed. div. Xerox Corp., 66-68; ed. consult., 68-70; MAT. MGR. INDEPENDENT LEARNING SISTS., 70. Psychol. Assn. Human learning; behavioral analysis of the learning process; curriculum analysis and development; programmed instruction; educational systems analysis and design; behavior modification; contingency management. Publ: Presentation mode and meaningfulness in paired-associate learning, Columbia Univ., 67; co-auth. What determines what the student learns? Programmed Learning, 10-68 & Techniques for maintaining student motivation, J. Nat. Soc. Programmed Inst., 3-69. Address: Independent Learning Systems, 18 Professional Center Pkwy., San Rafael, Calif. 94903.
- SPEIER, DR. HANS. Sociology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Robert M. Maciver prof. sociol. & govt., 69. University of Massachusetts, 634 Thompson Hall, Amherst, Mass. 01002.
- SPEIGNER, PROF. THEODORE ROOSEVELT, b. Montgomery, Ala., Mar. 31, 08; m. 40. GEOGRAPHY. A.B. Talladega Col., 30; A.M. Iowa, 33; LL.D., Luther Col., 38; Ph.D.(geog. counseling), Michigan, 61; D.H.L., Wartburg Col. & LL.D. Capital Univ., 64. Prin. St. Paul's Lutheran Acad., 30-47; asst. prof. hist. NORTH CAROLINA CENTRAL, 47-60, assec. prof. geog. & dir. div. resource-use ed., 50-60. PROF. GEOG. & CHMN. DEPT., 60. Founder & chmn. N.C. Resource-Use Ed. Cong., 47-; mem. Gov. Cmn. Agr. Migrants, 62; Mayor's Good Neighbor Coun., 63; Durham City Bd. Ed., 64 & 67-70. Nat. Coun. Geog. Ed. Hist. Assn. Conserv. Ed. Assn. Soil Conserv. Soc. Am.; Assn. Am. Geog. History; conserv. con. Publ: Contrib. Jour. Geog. Negro Ed. Rev. Conserv. Geog. J. & N.C. Teachers Assn. Record. Address: Dept. of Geography, North Carolina Central University, Durham, N.C. 27707.
- SPELLACY, PROF. EDMUND F(RANK). Public Administration & Law. See 11th ed. Soc. & Behav. Vols., deceased 68.
- SPELLMAN, PROF. JOHN WILLARD. History of India. See 5th ed. Dir. Am. Scholars. Vol. I, Hist.
- SPENCE, DR. HOMER EUGENE, b. Canton, Ohio, Mar. 14, 41; m. 64. MARKETING. B.S. Ohio State, 63, M.B.A., 65, Ph.D.(bus. orgn), 67. ASST. PROF. MKT., WASHINGTON (SEATTLE), 67-68. Econ. Assn.; Mkt. Assn. Consumer behavior and economics; economic and cultural impact of marketing. Publ: Co-auth. Perceived risk in mail order and retail store buying, J. Mkt. Res., 8-70; Impact of brand preference on the perception of brand names, In: Readings in consumer behavior, Holt, 70. Address: 1508 40th Ave., Seattle, Wash. 98122.
- SPENCE, DR. NORVILLE E, b. St. Boniface, Man., May 15, 35; m. 55; c. 2. PSYCHOLOGY. B.A. Manitoba, 60; M.A. Ohio State, 63, Ph.D.(psychol.), 68. ASST. PROF. PSYCHOL., Brandon, 63-68; SASKATCHEWAN, 68-Can. Psychol. Assn. Learning operant conditioning; motivational effects of stress on development. Address: Dept. of Psychology, University of Saskatchewan, Saskatoon, Sask. Can.
- SPENCER, PROF. BERKLEY ARNOLD. Sociology, Anthropology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Assoc. prof., 69-; Dept. of Sociology, Brigham Young University, Provo, Utah 84601.
- SPENCER, DR. GARY, b. Towanda, Pa., June 10, 40; m. 64; c. 2. SOCIOLOGY, PSYCHIATRY. A.B. Alfred, 62; A.M. Boston, 64, Ph.D.(sociol.), 69; summer. Nat. Sci. Found. fel. Michigan, 64. Res. assoc. soc. intervention, Ment. Eng. Rehab. Res. Inst. Northeastern, 65-69; adj. asst. prof. sociol. Teachers Col., Columbia, 69-70; ASST. PROF. SOCIOL. & PSYCHIATRY, FLORIDA, 70. U.S.A., 68-70, Capt. Sociol. Assn.; Nat. Rehab. Assn. Selection and socialization of military elites; structure and process of social intervention; delivery of health services. Publ: The structure and dynamics of social intervention. Health, 70. A comparative study of the reduction of dependency, Northeast. Univ., 65; The West Point cadet—a social psychological profile, U.S. Mil. Acad., 70. Address: Dept. of Sociology, University of Florida, Gainesville, Fla. 32601.
- SPENCER, DR. GEORGE ELWOOD. Rural Sociology, Cultural Anthropology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Community develop. consult., 69-; U.S. Agency for International Development to Panama, P.O. Box J, Balboa, C.Z.
- SPENCER, PROF. KATHERINE. Social Anthropology. See HALPERN, DR. KATHERINE SPENCER, this Suppl.
- SPENCER, PRES. ROBERT C. Political Science. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Pres., 69-; Sangamon State University, 818 Myers Bldg., Springfield, Ill. 62701.
- SPENCER, PROF. WILLIAM. History. See 5th ed. Dir. Am. Scholars. Vol. I, Hist.
- SPEERLING, PROF. JOHN G(LEN). Economic History. See 5th ed. Dir. Am. Scholars. Vol. I, Hist.
- SPERRAZZO, PROF. GERALD. Clinical Psychology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New information: Also chmn., 66-; Dept. of Psychology, University of San Diego, San Diego, Calif. 92110.
- SPICKER, DR. STUART FRANCIS. Philosophy, Psychology. See 5th ed. Dir. Am. Scholars. Vol. IV, Philos. Relig. & Law.
- SPIEGEL, DR. STANLEY. Psychology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. Change of address: Foss Dr., Upper Nyack, N.Y. 10960.
- SPIEGELMAN, MORTIMER. Demography. See 11th ed. Soc. & Behav. Vols., deceased 69.
- SPIES, PROF. GORDON. Psychology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Prof. & chmn., 69-; Dept. of Psychology, Indiana State University, Terre Haute, Ind. 47809.
- SPILETT, DR. JAMES JUAN. Animal Ecology, Wildlife Resources. See Suppl. V to 11th ed. Phys. & Biol. Vols.
- SPINKS, DR. NELLIE JOHNSON, b. Valdosta, Ga., Dec. 13, 44. BEHAVIORAL SCIENCE, APPLIED PSYCHOLOGY. B.A.E., Florida, 65, J. Hills Miller scholar, 65, M.Ed., 66; univ. fel. Fla. State, 68, Ph.D.(counseling psychol.), 69. PROF. PSYCHOL. & CHMN. DEPT., BRENEAU COL., 69- Lectr. Univ. Georgia & Breneau Col. Gerontol. Inst., Gainesville, Ga., 70. Psychol. Assn. Self-disclosure; group counseling; writing therapy. Publ: Co-auth. Exploring economics along language thought trails, Marion County Bd. Pub. Instr., 66; auth. The effects of male and female models in vicarious therapy pre-training on the self-concept of institutionalized female juvenile delinquents in group counseling, Xerox Corp., 69; Conservation our hope, Sr. Scholastic, 61. Address: Enota Gardens, Apt. M-2, Gainesville, Ga. 30501.
- SPIRO, DR. HERZL ROBERT, b. Burlington, Vt., Apr. 22, 35; m. 55; c. 3. PSYCHIATRY. B.A. Vermont, 55, M.D., 60; Harvard, 55-56; Wash. Psychol. Assn. 68-69, Intern. med. Lorrain Med. Center, 50-51; res. & fel. Johns Hopkins Univ. & Hosp., 61-64, instr. psychiatrist, HOPKINS, 64-66, asst. prof., 66-69, ASSOC. PROF. PSYCHIAT. & DIR. GROUP TRAINING CENTER, 69-; DIR. OUTPATIENT & COMMUNITY MENT. HEALTH PROGS, JOHNS HOPKINS HOSP., 69-; assec. physician-in-charge, 64-66, psychiatrist-in-charge, Henry Phipps Outpatient Serv., 66-70. Consult., Bur. Disability Ins., Social Security Admin., 64-69; Nat. Inst. Ment. Health, 69-; AAAS; Psychiat. Assn.; Psychosom. Soc. Pub. Health Assn. Social psychiatry including small group theory and practice; community mental health; psychosomatic medicine and liaison psychiatry. Address: 6524 Gardenwick Rd., Baltimore, Md. 21209.
- SPIRO, PROF. MELFORD E(LLIOT). Social Anthropology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Prof. & chmn., 68-; Dept. of Anthropology, University of California at San Diego, La Jolla, Calif. 91037.
- SPITZ, DR. ALLAN AUGUST. Political Science. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Prof. & dir. field experience, 69-; James Madison College, Michigan State University, East Lansing, Mich. 48823.
- SPITZNER, DR. JOSEPH H, b. Chicago, Ill., July 30, 42; m. 62; c. 2. EXPERIMENTAL PSYCHOLOGY. B.S. Loyola (Ill.), 65; M.S. Rutgers, 67, Ph.D.(psychol.), 68. ASST. PROF. PSYCHOL., OHIO STATE, 68- Animal behavior in areas of learning and motivation. Address: Dept. of Psychology, Ohio State University, Columbus, Ohio 43210.
- SPIVACK, DR. (SYDNEY) (SHEPHERD). Social Psychology, Sociology. See 11th ed. Soc. & Behav. Vols., deceased 69.
- SPIVAK, DR. MARK, b. Chicago, Ill., Apr. 30, 29; m. 65; c. 2. CLINICAL & SOCIAL PSYCHOLOGY. B.S. & M.S. Columbia, 55; U.S. Pub. Health Serv. fel. & Ph.D.(soc. psychol.), Michigan, 62. Teaching asst. exp. psychol., Columbia, 55; res. soc. psychologist, Ypsilanti State Hosp., Mich., 57-61; res. assoc. psychol., dept. psychiat., Harvard Med. Sch., 61-63; res. assoc. med. sociol., dept. sociol., Brandeis, 63-66, asst. prof. teaching, dept. psychol., 65-66; SR. RES. ASSOC. ISRAEL INST. APPL. SOC. RES., 66-; SR. LECTR. TEACHING, DEPT. PSYCHOL., TEL-AVIV, 68- Proj. dir. rehab. chronic ment. patients, Center Chul, Boston, Mass., 61; dir. psychol. res. State Dept. Ment. Health, Mass., 61-63; prin. investor, U.S. Dept. Health, Ed. & Welfare, Soc. Rehab. Serv. demonstration res. grant, 68- Consult, dept. psychol., Mich. State Univ., 59-61; Wellmet Proj., Boston, 62-64; Phillips Brooks House ment. hosp. cm., Harvard, 62-66; cerebral palsy proj., Asaf H. Rode Hosp., Israel, 67-68. Psychol. Assn. Group dynamics; interaction of social system and personality system variables in clinical settings; family influence on psychopathology; group therapy with adolescents. Publ: An experimental social interaction approach to the milieu of schizophrenia, Psychiat. Quart., 62 & The Rehabilitation Club, Bull. of Israel Inst. Appl. Soc. Res., 69; co-

- auth. The therapeutic community—a study in identification, Israel Ann. Psychiat., 69. Address: Israel Institute of Applied Social Research, P.O. Box 7150, Jerusalem, Israel.
- SPORES, DR. RONALD. Anthropology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 68-, Dept. of Anthropology, Vanderbilt University, Nashville, Tenn. 37203.
- SPRADLEY, DR. JAMES P., b. Baker, Ore., Dec. 19, 33; m. 56; c. 3. CULTURAL ANTHROPOLOGY. M.A., Washington (Seattle), 63, Ph.D. (anthrop.), 67. Asst. prof. psychiat. & anthrop., Washington (Seattle), 66-69; ASSOC. PROF. ANTHRO. MACALESTER COL., 69-. U.S.A., 57-59. Fel. Anthropol. Assn. (Stirling award, 69). Northwest coast Indians; urban tramps; culture and personality; cognitive anthropology. Publ: Guests never leave hungry: autobiography of a Kwakiutl Indian, Yale, 69 & You owe yourself a drunk: an ethnography of urban nomads, Little, 70. Address: Dept. of Anthropology, Macalester College, St. Paul, Minn. 55101.
- SPRADLIN, DR. JOSEPH E. (DWARD). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. human develop. & family life, 69-, University of Kansas, 1043 Indiana, Lawrence, Kans. 66044.
- SPRAGENS, DR. WILLIAM C. (LARK). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, Dept. of Political Science, Bowling Green State University, Bowling Green, Ohio 43402.
- SPRAGUE, DR. JOHN DRUMMOND, b. Watertown, N.Y., Mar. 14, 34; m. 55; c. 4. POLITICAL SCIENCE. A.B., Stanford, 56, M.A., 63, Ph.D. (polit. sci.), 64. Soc. Sci. Res. Coun. training grant, 64-65; asst. prof. POLIT. SCI., WASHINGTON (ST. LOUIS), 65-68; ASSOC. PROF., 68-. Polit. Sci. Assn. (E.S. Corwin prize, 65); Law & Society Assn. Judicial behavior; legislative politics. Publ: Co-auth., Lawyers in politics, 64 & auth., Voting patterns of the U.S. Supreme Court, 66, Bobbs. Address: Dept. of Political Science, Box 1063, Washington University, St. Louis, Mo. 63130.
- SPRAGUE, DR. ROBERT L. (E). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Dir., 69-, Children's Research Center, University of Illinois, Champaign, Ill. 61820.
- SPRATT, PROF. JOHN S. (TRICKLIN). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69-, Dept. of Economics, Campbell College, Bules Creek, N.C. 27506.
- SPRAY, DR. SHERRAD L. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Vis. assoc. prof., 69-, Dept. of Sociology, York University, 4700 Keele St., Downsview, Toronto, Ont. Can. 463.
- SPREITZER, DR. ELMER A., b. Cleveland, Ohio, Oct. 29, 36; m. 64; c. 3. SOCIOLOGY. B.S., John Carroll, 62; M.A., West. Reserve, 64; Voc. Rehab. Admin. fel., Ohio State, 65-67, Ph.D. (sociol.), 68. Instr. sociol., John Carroll, 63-65; ASST. PROF. phys. med., Ohio State, 68-69; SOCIOL., BOWLING GREEN STATE, 69. U.S.A., 55-57. Sociol. Assn. Medical sociology; sociological theory; race relations. Address: Dept. of Sociology, Bowling Green State University, Bowling Green, Ohio 43402.
- SPRENGEL, DR. DONALD P. (HILIP). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, Center for Urban Programs, St. Louis University, 221 N. Grand, St. Louis, Mo. 63103.
- SPRINGBORN, DR. BRUCE A. (LAN). Industrial Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. A.T. Kearney & Co., Inc., 68-. Address: 225 Francis Lane, Barrington, Ill. 60010.
- SPRINGER, DR. JOHN Y. (OUNG). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 2800 Neilson Way, Apt. 1315, Santa Monica, Calif. 90405.
- SPRINKEL, DR. BERYL W. (AYNE). Finance, Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Sr. v. pres. & economist, Harris Trust & Savings Bank, 68-. Address: 1429 Bunker Ave., Flossmoor, Ill. 60422.
- SPROTT, DR. RICHARD L., b. Tampa, Fla., Aug. 9, 40; m. 65; c. 2. EXPERIMENTAL PSYCHOLOGY, BEHAVIOR GENETICS. M.B., North Carolina, Chapel Hill, 62, Nat. Sci. Found. fel., & M.A., 64, Ph.D. (psychol.), 65. U.S. Pub. Health Serv. fel., 65-67; asst. prof. psychol., Oakland, 67-69; ASSOC. STAFF SCIENTIST, JACKSON LAB., 69-. AAAS; Psychol. Assn. Physiology of behavior and the inheritance of behavior using operant and genetic techniques. Publ: Retrograde amnesia in two strains of mice, Psychol. Reports, 10/66, Barometric pressure fluctuations: effects on the activity of laboratory mice, Science, 8/67 & Fear communication via odor in inbred mice, Psychol. Reports, 8/69. Address: The Jackson Lab, Bar Harbor, Maine 04609.
- SPIRLING, DR. JOHN JASPER, b. Greigville, Ala., Feb. 28, 28. SOCIOLOGY, CULTURAL ANTHROPOLOGY. A.B., Talladega Col., 49; A.M., N.Y. Univ., 51, Ph.D. (human rels.), 62. Researcher math, Courant Inst., N.Y. Univ., 57-64; asst. prof. SOCIOL. & ANTHRO., Elizabethtown Col., 56-57; City Univ. New York, 65-67; ASSOC. PROF., ST. JOHN'S (N.Y.), 67-. Adminstr., Community Involvement in Creative Ed., Inc., New York, 70-. consult., N.Y. State Dept. Urban Ed., Albany, 67-69; Human Affairs Res. Center, N.Y., 67-. Auerbach Corp., Phila., Pa., 69-. Assoc. Sociol. Assn.; Acad. Polit. & Soc. Sci. Res. research in intergroup relations in New Jersey and New York, in drug addiction in New York City and in housing and migrants. Publ: The Negro in New Jersey, N.J. Hist. Series, 65. Address: 112-45 180th St, Jamaica, N.Y. 11433.
- SQUILLACE, ANTHONY SALVATORE, b. Brooklyn, N.Y., Sept. 18, 35; m. 59; c. 4. PSYCHOLOGY, CHEMISTRY. B.A., California, Los Angeles, 58; M.A., Calif. State Col. Long Beach, 65; B.A. & M.A., Calif. State Col. Fullerton, 67. Sr. engr. NOR. ROCKWELL CORP., 66-66, mem. tech. staff, 66-69, SUPVR. HUMAN FACTORS, 69-. U.S.A., 59, Nat. Guid., 59-65. Psychol. Assn.; Human Factors Soc.; Chem. Soc. Application of psychology to solution of industrial problems including motivational research, human engineering, man-machine systems analysis and workplace design research. Publ: Co-auth., A functional relationship between alignment accuracy and vertical separation distance of alignment marks, Human Factors J., (in press). Address: 5822 Lemon Ave., Cypress, Calif. 90630.
- SQUIRES, DR. JO ANNE SMIT, b. Wilkinsburg, Pa., Sept. 2, 26; m. 58; c. 2. PSYCHOLOGY. B.S., Ohio, 47; scholar & M.S., Pittsburgh, 49, Ph.D. (psychol.), 51. Lectr. psych., Pittsburgh, 48-49; instr., Allegheny Col., 50-52; lectr., Western Reserve, 52-53; sr. psychologist, U.S. Govt., 53-58; dir. psychol. serv., Hampton Rds. Speech & Hearing Center, 62-66; assoc. prof. psychol., Christopher Newport Col., Col. William & Mary, 67-69; supv. adjust. serv., Sarah Bonwell Hudgins Regional Center, 69-70. Res. asst. Am. Inst. Res., 48-49; sr. res. assoc., Personnel Res. Inst., 52-53; psychologist, Pennsylvania Assn. Retarded Children, 62-65; asst. prof. Col. William & Mary, 64-66. Consult., Newport News Pub. Schs., 66-67; ad. to bd., Pennsylvania Assn. Retarded Children, 66-69. Intel. Med. of Merit, U.S. Govt., 56. Psychol. Assn. Industrial selection training; evaluation; human relations; handicapped childreep and adults; evaluation; training. Address: 239 Christopher Wren Rd., Williamsburg, Va. 23185.
- SRIVASTAVA, DR. HARI MOHAN. Mathematics, Numerical Analysis. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- SRIVASTAVA, DR. MUNI SHANKER, b. Gonda, India, Jan. 20, 36; m. 64; c. 2. STATISTICS. M.Sc., Lucknow, 58; Ph.D. (statist.), Stanford, 64. Asst. prof. statist., Lucknow, 57-61; res. asst., Stanford, 61-63; asst. prof. MATH., Toronto, 63-65; vis. res. fel., Princeton, 65-66; ASSOC. PROF., TORONTO, 66-. Inst. Math. Statist., Am. Statist. Assn.; Royal Statist. Soc. Multivariate analysis; sequential analysis; nonparametric methods. Publ: Some asymptotically efficient sequential procedures for ranking and slippage problems, 66 & On fixed-width confidence bounds for regression parameters and mean vector, 67, J. Royal Statist. Soc.; co-auth., The performance of some sequential procedures for a ranking problem, Ann. Math. Statist., 6/68. Address: Dept. of Mathematics, University of Toronto, Toronto, Ont., Can.
- STAAR, PROF. RICHARD F. (ELIX). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. dir., Hoover Inst., 69-. New publ: The communist regimes in Eastern Europe, Hoover Inst., 2nd ed, 70. Address: 337 Los Altos Ave., Los Altos, Calif. 94022.
- STABLER, DR. JOHN R. (OBERTS), b. New Rochelle, N.Y., Apr. 11, 32; m. 55; c. 2. PSYCHOLOGY. A.A., Antioch Col., 56; M.A., Southern Methodist, 58; Ph.D. (psychol.), Texas, 61. Instr. PSYCHOL., La. State, 60-61, asst. prof., 61-68, ASSOC. PROF., 68-69; GEORGIA STATE, 69-. Lectr., Southern Univ., 64-65; res. grant, Community Adv., Inc., 67-68. Consult. head start res. & eval. center, Southern Univ., 67-69; parent-child center, Atlanta, Ga., 69-. Psychol. Assn.; Soc. Res. Child Develop.; Nat. Coun. Family Rel. child study center, GEORGE PEABODY COL., 66-68, ASSOC. PROF. MATH., Toronto, 63-65; vis. res. fel., Princeton, 65-66; ASSOC. PROF., TORONTO, 66-. Inst. Math. Statist., Am. Statist. Assn.; Royal Statist. Soc. Multivariate analysis; sequential analysis; nonparametric methods. Publ: Some asymptotically efficient sequential procedures for ranking and slippage problems, 66 & On fixed-width confidence bounds for regression parameters and mean vector, 67, J. Royal Statist. Soc.; co-auth., The performance of some sequential procedures for a ranking problem, Ann. Math. Statist., 6/68. Address: Dept. of Mathematics, University of Toronto, Toronto, Ont., Can.
- STACHOWIAK, PROF. JAMES G. (REGORY). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., 69-, Dept. of Psychology, University of Kansas, Lawrence, Kans. 66044.
- STACK, DR. JAMES J. (AY), b. Beryyn, Ill., June 8, 33; m. 54; c. 2. PSYCHOLOGY. B.S., Northwestern, 54; M.A., Ohio, 58; U.S. Pub. Health Serv. fel., Ohio State, 62-63, Ph.D. (clin. psychol.), 63. Staff psychologist, Vet. Admin. Ment. Hyg. Clin., Columbus, Ohio, 63-64; asst. prof. clin. psychol., Ohio State, 64-66, exec. officer, 65-66; asst. prof. psychol. & assoc. dir. child study center, GEORGE PEABODY COL., 66-68, ASSOC. PROF. PSYCHOL. & DIR. CHILD STUDY CENTER, 68-. Consult-dir. psychol. dept., Columbus State Hosp., Ohio, 64-66; res. dir., Crisis Child Center, Nashville Ment. Health Assn., Tenn., 67-69, eval. consult., 67-70. U.S.A., 54-56. Psychol. Assn. Clinical psychology, especially child and family process; personality theory; personality assessment and change. Address: Dept. of Psychology, Box 158, George Peabody College for Teachers, Nashville, Tenn. 37203.
- STACKFLETH, MAJ. EVAN DEAN, U.S.A.F. Industrial Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Wing cad. adv. Acad. Calif. & Allied Officer Sch., 68-. Address: 2615 Baldwin Brook Rd., Montgomery, Ala. 36111.
- STADDON, DR. J. (JOHN) E. (RICO) R. (AYNER). Experimental Psychology, Learning. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-, Dept. of Psychology, Duke University, Durham, N.C. 27706.
- STAFFORD, PROF. HOWARD A. JR. Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof., 69-, Dept. of Geography, University of Cincinnati, Cincinnati, Ohio 45221.
- STAFFORD, DR. JOHN W. (LLIAM). Experimental Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Cultural dir., 70-, College of San Vitor, Apartado Aéreo 21512, Bogotá, Colombia, S.A.M.
- STAFFORD, DR. RICHARD L. (INDASY), b. Florence, Ala., Mar. 10, 23; m. 62. CLINICAL PSYCHOLOGY. B.S., Auburn, 50, M.S., 54; B.D. South. Baptist Theol. Sem., 51; Nebraska, 55-56; Vanderbilt, 56-58; fel., Houston, 62-65, Ph.D. (clin. psychol.), 66. Clin. psychol. trainee, Vet. Admin. Hosp., Murfreesboro, Tenn., 57-58; clin. psychologist, Guid Center Hillsborough County, Tampa, Fla., 58-59; asst. prof. psychol., Stetson, 59-62; resident clin. psy-



chol. med. br. Texas, 64-65, asst. prof. pediat. 65-66; sch. med. Virginia, 66-68; ASSOC. PROF. PSYCHOL. SOUTH ALABAMA, 68- U.S.A.A.F. 43-46, S/Sgt. Psychol. Asst. Ed. Res. Assn. Developmental disorders in children. Address: Dept. of Psychology, University of South Alabama, Mobile, Ala. 36608.

STAHL, DR. O. GLENN. Political Science, Public Administration. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New information: Retired, U.S. Civil Serv. Cmn. 69; independent consult. pub. admin. 69- Address: 3600 N. Piedmont St., Arlington, Va. 22207.

STAHL, DR. HAROLD LEROY, B. Milford, Nebr., May 14, 26; m. 47; c. 5. EDUCATIONAL PSYCHOLOGY. A.B. Greenville Col., 49; M.S. Butler, 54; Ed.D. (ed. psychol.) Indiana, 61. Teacher, pub. schs. Ind. 52-58; ASSOC. PROF. ED. PSYCHOL. Southeast Mo. State Col., 60-64; Western Illinois, 64-65; MICHIGAN, 65- CHMN. DEPT. ED., 69- Psychol. Assn. Preparation of teachers for urban schools. Publ. Co-auth. In search of meaning, Vol. II, Univ. North Iowa, 69. Address: 8343 Manchester, Grand Blanc, Mich. 48439.

STAHR, DR. ELVIS J (JACOB). Law. See 5th ed. Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.

STALEY, DR. ALAN L. B. Clayton, N.Mex., Dec. 31, 14; m. 38; c. 2. PSYCHOLOGY, COUNSELING. B.S. Colo. Agr. & Mech. Col., 38; M.A. Eastern New Mexico, 58; Ph.D. (col. student personnel), Colo. State Col., 67. Teacher, high schs. N.Mex., 38-47 & 48-59; asst. state supt. voc. agr. N.Mex., 47-48; instr. agr. Eastern New Mexico, 59-63; prin. jr. sr. high schs. Tex., 63-66; ASSOC. PROF. PSYCHOL. & DIR. COUNSELING & TESTING, McMURRY COL., 66- Nat. Ed. Assn. Personnel & Guid. Assn. Adolescent and educational psychology. Address: 3950 Brookhollow Dr., Abilene, Tex. 79605.

STALEY, SISTER IGNATIUS. Sociology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, Dept. of Sociology, Carroll College, Helena, Mont. 59601.

STALEY, DR. JOHN S. B. Pittsburgh, Pa., Oct. 21, 16; m. 67; c. 2. SOCIOLOGY. B.A. St. Vincent Col., 36; M.A., 38; M.A. Catholic Univ., 50; Danforth (el. N.C. State), 64; Ph.D. (sociol.), Pittsburgh, 60. PROF. SOCIOLOGY, St. Vincent Col., 48-67; Avery Postgrad. Inst., 67-69; BRIGHAM YOUNG, 69- Mellon fel., Pittsburgh, 67-68. Fel. Sociol. Assn. Systems transformation theory, particularly as applied to community development; race relations in urban community context. Publ. Racial democracy in marriage, Univ. Pittsburgh, 61; Walden III, 68 & Information dynamics and developmental organization, 69, Human Potential. Address: Dept. of Sociology, Brigham Young University, Provo, Utah 84601.

STALLINGS, DR. DALE G (GROW). B. Roberts, Idaho, July 26, 27; m. 56; c. 4. ECONOMICS, AGRICULTURAL ECONOMICS. B.S. Idaho 50; M.S. Minnesota, 52; Ph.D. (agr. econ.), 62. Agr. economist, California, Berkeley, 54-58; U.S. Dept. Agr., 58-64; asst. prof. agr. econ. & econ. CALIF. STATE POLYTECH. COL., KELLLOGG-VORHIES CAMPUS, 64-66, ECON., 66-69, ASSOC. PROF., 69- U.S.N., 45-46. Econ. Asst. Agr. Econ. Assn. Monetary theory and economic studies of the effect of monetary variables on economic activity and prices. Publ. Co-auth. Plum packing costs and efficiency, Calif. Agr. Exp. Sta., 59; auth. Marketing western fruits and vegetables—long term outlook, 63 & Long run projections of food processing and marketing in the West, 65, Econ. Res. Serv., U.S. Dept. Agr. Address: Dept. of Economics, California State Polytechnic College, Pomona, Calif. 91766.

STALLINGS, DR. WILLIAM M. B. Louisville, Ky., Aug. 20, 34; m. 62; c. 1. EDUCATIONAL PSYCHOLOGY. A.B. Kentucky, 36; M.A.T. Indiana, 63, Ed.D. (ed). 66. RES. ASST. PROF. OFF. INSTRUCTIONAL RESOURCES & ASST. PROF. ED. PSYCHOL., ILLINOIS, URBANA, 66- U.S.N.R., 56-60, Lt. AAAS. Ed. Res. Assn. assoc. mem. Sociol. Assn. Educational measurement and student personnel research. Publ. Co-auth. The pass-fail grading option, Soc. & Behav. 3, 68. Confidence level and significance level: semantic confusion or logical fallacy, J. Exp. Ed., summer 69 & Some characteristics and correlates of the Meier Art Test of Aesthetic Perception under two systems of scoring, J. Ed. Measurement, fall 68. Address: 507 E. Daniel, Champaign, Ill. 61820.

STALNAKER, DR. ARMAND (CARL). Economics, Business Administration. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position: Pres. Gen. Am. Life Ins. Co., 69- Address: 35 York Dr., St. Louis, Mo. 63144.

STAMPOLIS, PROF. ANTHONY. Economics, Political Science. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Prof. econ. & bus. admin. & dir., 68-, Bureau of Business Research, School of Business, East Carolina University, P.O. Box 2767, Greenville, N.C. 27834.

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STANEK, DR. RICHARD J (AMES). Psychology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, Dept. of Psychology, Southern Oregon College, Ashland, Ore. 97520.

STANFORD, DR. E. PERCIL, B. Easton, Md., Feb. 19, 39; m. 65. SOCIOLOGY. A.B. Morgan Sta. Col., 61; M.S., Iowa State, 67, Ph.D. (sociol.), 68. SPECIALIST ON AGING, U.S. DEPT. HEALTH, ED. & WELFARE, 68- Lectr. George Washington, 69- U.S.A., 61-65, Res. 65-, Capt. Sociol. Assn.; Geront. Soc. Int. Assn. Geront. Job satisfaction and involvement of older worker; anticipation patterns of potential military retirees. Address: 7513 14th St., N.W., Washington, D.C. 20012.

STANFORD, DR. JOHN, B. Brockville, Ont., Nov. 17, 33; m. 55; c. 3. PHYSIOLOGICAL & EDUCATIONAL PSYCHOLOGY. B.A. Queen's (Ont.), 64, M.A., 65, Ph.D. (psychol.), 67. Lectr. PSYCHOL., Queen's (Ont.), 66-67; ASST. PROF., TRENT, 67- Can. Psychol. Assn. Neural and endocrine correlates

of sexual and other behaviors; application of learning theory of school situations. Address: Dept. of Psychology, Trent University, Peterborough, Ont., Can.

STANFORD, DR. MELVIN JOSEPH, B. Logan, Utah, June 13, 32; m. 60; c. 4. BUSINESS MANAGEMENT. B.S. Utah State, 57; Donald Kirk David fel. & M.B.A. Harvard, 63; C.P.A. Utah, 63; Ph.D. (bus.), Illinois, Urbana, 68. Auditor, Utah Tax Cmn., 68-59, asst. supt. audit, 59-61; acct., Haskins & Sells, 62; analyst acct. staff, Arabian Am. Oil Co., 63-66; asst. indust. adm. m., Illinois, 66-68, mgt. ops., 68; asst. prof. BUS. MGT., BRIGHAM YOUNG, 68-69, ASSOC. PROF., 69-, DR. MGT. DEVELOP. PROGS., 70- Mem. consult. faculty, U.S. Army Command & Gen. Staff Col., 69- U.S.A.F., 50-55, Res., 55-, Maj. Mgt. Assn. Management development programs; management information systems; case writing; development of new enterprise; university administration. Publ. An information system model for the academic department, Univ. Microfilms, 68; The case of the blank check, Intercol. Case Clearinghouse, 69; Family decision making, Improv. Era, 69. Address: College of Business, Brigham Young University, Provo, Utah 84601.

STANFORD, PROF. STEPHEN SEDLEY. Sociology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position: Prof. & chmn., 69-, Dept. of Sociology, Weber State College, 3750 Harrison Blvd., Ogden, Utah 84403.

STANGL, PROF. JOSEPH JOHN, B. Czech, Apr. 30, 14; U.S. citizen; m. 41; c. 1. INTERNATIONAL RELATIONS, ECONOMICS. Dr. Univ. Polit. & Soc. Sci., Czech, 48; M.A., Syracuse, 53, D.S.Sc. (Int. rels.), 63; Ph.D. (polit. sci.), New Sch. Soc. Res., 58. Instr. Mil. Sch., Czech, 36-37; asst. prof. soc. sci., State Univ. N.Y., Col. Morrisville, 64-66; assoc. prof. SOC. STUDIES, CLAF-LIN, 68-69, PROF., 68- Participant, Summer Inst. Anthropol., Boulder, Colo., 65; Summer Inst. Soc. & Res., Sulfur, N.Y., 66; Summer Inst. for Teachers Econ., Atlanta, Ga., 70. Czech Army, 35-37, 1st Lt. Address: Emory Towers, Apt. 33, Orangeburg, S.C. 29115.

STANLEY, DAVID T. B. East Orange, N.J., Aug. 18, 16; m. 41; c. 3. PUBLIC ADMINISTRATION. A.B. Princeton, 37; M.A., American Univ., 61. Clerk, N.J. Civil Serv. Cmn., 38; mem. staff personnel, U.S. Farm Credit Admin., 38-42; div. chief training, U.S. Vet. Admin., 46-48; br. chief personnel, U.S. Air Force, 48-49; dep. chief civilian personnel policy, U.S. Dept. Defense, 49-53; br. chief personnel, U.S. Atomic Energy Cmn., 53-56; mgt. appraisal officer, U.S. Pub. Health Serv., 56-58; dir. mgt. policy, Dept. Health, Ed. & Welfare, 58-61; SR. FEL. GOVT. STUDIES, BROOKINGS INST., 61- Consult. Gov. Cmn. Efficiency, Co., 63-65; Nat. Insts. Health, 69. Mem. task force orgn. health serv. Dept. Health, Ed. & Welfare, 65-66. U.S.A.A.F., 42-45, Sgt. Polit. Sci. Assn; Soc. Pub. Admin; Soc. Personal Admin. Personnel; management. Publ. Professional personnel for the City of New York, 63, The higher civil service, 64 & Changing administrations, 65, Brookings. Address: Governmental Studies Program, Brookings Institution, 1775 Massachusetts Ave., N.W., Washington, D.C. 20036.

STANLEY, DR. THOMAS JACKSON. Agricultural Economics & Education. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New position & address: Head, 69-, Dept. of Agriculture, Stephen F. Austin State University, Box 3000, SFA Station, Nacogdoches, Tex. 75961.

STANTON, PROF. BERNARD (FREELAND). Agricultural Economics. See L-Z Vol. 11th ed. Soc. & Behav. Vols. Correction: Prof. agr. econ. & chmn. dept., Cornell, 68- Address: 2 Sandra Place, Ithaca, N.Y. 14850.

STANTON, DR. ERWIN S. Industrial & Personnel Psychology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. New information: Pres. E.S. Stanton & Assocs., Inc., 68-; assoc. prof., St. John's (N.Y.), 69- Address: 1496 Gaston St., Watauga, N.Y. 11793.

STANTON, DR. LYNN A (RTHUR), B. Earlville, N.Y., Jan. 20, 33; m. 53; c. 4. AGRICULTURAL ECONOMICS. B.S. Cornell, 59, M.S. 61; Ph.D. (agr. econ.), La. State, 70. Farm management specialist, Cornell, 60-65; res. instr. agr. econ. La. State, 68-69; ASST. PROF. AGR. ECON. & STATE FARM MGT. EXT. SPECIALIST, WEST VIRGINIA, 69- U.S.C., 51-55, Sgt. Agr. Econ. Assn. Farm management. Address: Dept. of Agricultural Economics, West Virginia University, Morgantown, W.Va. 26506.

STAPLES, DR. FRED R (CHARL), B. June 22, 34; Can. citizen; m. 58; c. 2. PSYCHOLOGY. B.A. Toronto, 58, M.A., 60; Ph.D. (psychol.) & dipl. clin. psychol., Queen's (Ont), 65. Clin. psychologist, Ont. Hosp., Hamilton, 60-61; res. psychologist, New Toronto, 62-63; res. assoc. PSYCHOL., Queen's (Ont), 63-64, lectr., 64-65, asst. prof., 65-66; SCH. MED. TEMPLE, 66-69, ASSOC. PROF., 69- AAAS; Psychol. Assn. Speech patterns; behavior disorders; psychotherapy. Publ. Co-auth. Social psychological factors in assessing drug effects. In: The present status of psychotropic drugs, Excerpta Medica Found., 69. Response to social and monetary reward in neurosis, J. Psychiat. Res., 70. Role preparation and perception of improvement in psychotherapy, J. Nervous & Ment. Diseases, 70. Address: Eastern Pennsylvania Psychiatric Inst., Henry Ave. & Abbottsford Rd., Philadelphia, Pa. 19129.

STAPLES, PROF. RUTH. Psychology. See L-Z Vol. 11th ed. Soc. & Behav. Vols. Change of address: 33 Christian Ave., Concord, N.H. 03301.

STAR, MARTIN LEON. Mathematical Statistics. See L-Z Vol. 11th ed. Soc. & Behav. Vols. Correction: Managerial consult, S.D. Leidesdorf & Co., 67- Address: 25 Willow Lane, Grand Neck, N.Y. 11023.

STAR, DR. SPENCER, B. Chicago, Ill., June 24, 42; m. 68. ECONOMICS. B.S., Illinois, 64; M.A. California, Berkeley, 65, Ph.D. (econ), 70. ASST. PROF. ECON., SOUTHERN METHODIST, 69- Econ. Assn. Microeconomic theory; technological change; human resources; planning and growth; economic development. Address: 2324 Henderson St., Dallas, Tex. 75206.

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- STARK, DR. ROSEMARY. Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Team leader, Area D community ment. health center, St. Elizabeths Hosp, D.C., 69- Address: 4925 41st St. N.W., Washington, D.C. 20016.
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- STATACHOPOULOS, ARISTOTELIS DEMETRIOS. Electrical Engineering. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- STAUB, DR. ERVIN, b. Budapest, Hungary, June 13, 38; U.S. citizen; m. 67. PSYCHOLOGY. B.A. Minnesota, 62; Woodrow Wilson & U.S. Pub. Health Serv. fcls. & Ph.D. (psychol.), Stanford, 65. ASST. PROF. CLIN. PSYCHOL., HARVARD, 65- Consult, R.I. Dept. Ed., 66-67; Vet. Admin. Hosps., 66- AAAS; Psychol. Asn. Prosocial behavior, especially helping, sharing and cooperation; personality change, especially behavior change; role of control and information in fearfulness and fear elimination. Publ. Co-auth. Aggression, In: Symptoms of psychopathology, Wiley, 70; auth. A child in distress: . . . J. Personality & Soc. Psychol., 70; Need for approval, children's sharing behavior and reciprocity in sharing, Child Develop., 70. Address: Dept. of Social Relations, Harvard University, Cambridge, Mass. 02138.
- STAUFFER, LT. COL. GLENN FLOYD, U.S.A.F., b. Deloit, Iowa, Aug. 17, 26; m. 48; c. 2. PSYCHOLOGY. B.A. Texas, 48; M.A., Oregon, 51; Ph.D. (psychol.), Cornell, 69. U.S. AIR FORCE, 51-; acting chief adaptability res., 6570th Personnel Res. Lab, Lackland Air Force Base, Tex., 66-67, res. projs. officer, statist. anal. br. Personnel Res. Div., 67-69. PROF. AEROSPACE STUDIES, LEHIGH, 69- Psychol. Asn. Psychometrics; scale construction and evaluation; social psychology; large scale behavioral sciences research. Publ. Co-auth. Use and evaluation of discrete test information in decision making, 66 & Method for choosing a cutting point on a test, 66, J. Appl. Psychol.; Comparative performance of low-ability airmen, Air Force Human Resources Lab, 70. Address: Dept. of Aerospace Studies, Lehigh University, Bethlehem, Pa. 18015.
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- STEBELSKY, DR. IHOR, b. Krakow, Poland, Sept. 6, 39; Can. citizen; m. 63; c. 2. GEOGRAPHY. B.A. Toronto, 62, M.A., 64; Ph.D. (geog.), Washington (Seattle), 67. Far East & Russian Inst. res. fel., Washington (Seattle), 68; ASST. PROF. GEOG., WINDSOR, 68- Summers, Am. Philos. Soc. res. grant, 68, Can. Coun. res. grant, 69, Far East & Russian inst. res. fel., 69. Asn. Am. Geog. Asn. Adv. Soc. Studies; Can. Asn. Geog. Soc. Soc. geog. geography of Russia and the Soviet Union. Address: Dept. of Geography, University of Windsor, Windsor, Ont., Can.
- STECHER, DR. SIDNEY, b. New York, N.Y., Sept. 17, 35; m. 62; c. 2. EXPERIMENTAL PSYCHOLOGY. Ph.D. (exp. psychol.), City Univ. New York, 67. Res. asst. sensory psychol., Brooklyn Coll., 63-65, lectr. PSYCHOL., 64-66; ASST. PROF. BRANDEIS, 66- U.S. Pub. Health Serv., Nat. Inst. Neurol. Diseases & Blindness res. grant, 67-69; U.S. Pub. Health Serv. Eye Res. Found. res. grant, 69-73; summer instr., Pratt Inst. Tech., 65. Consult, Bolt Beranek & Newman, Inc., 67; Senders Assoc., 68- Nat. Guard, 61. AAAS; Optical Soc. Am.; Inter-Soc. Color Coun.; Psychol. Asn.; Asn. Res. Ophthal.; Psychonomic Soc. Psychophysics and scaling; operating characteristics and general laws of sensory systems in information processing; temporal and spatial interaction effects in sensory function. Publ. Luminance discrimination and simultaneous contrast, Am. J. Psychol., 68; Temporal and spatial effects in luminance discrimination, 68 & Co-auth. The relationship between binocular brightness matches and luminance discriminability of successively presented light flashes, 69, Perception & Psychophys. Address: Dept. of Psychology, Brandeis University, Waltham, Mass. 02154.
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- STEED, DR. GUY PERCY F., b. Singapore, Malaysia, Oct. 20, 38; m. 67; c. 1. ECONOMIC GEOGRAPHY. B.A. McGill, 61; Ph.D. (geog.), Washington (Seattle), 66. Lectr. econ. geog., Queen's (Belast), 64-65; ASST. PROF. GEOG., SIMON FRASER UNIV., 66- Brit. Coun. grant, 67; Can. Coun. grant, 67-68. Asn. Am. Geog. Econ. Asn.; Regional Sci. Asn.; Can. Asn. Geog. Geography of business enterprise; manufacturing; regional planning. Address: Dept. of Geography, Simon Fraser University, Burnaby 2, B.C., Can.
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- STEENLAND, DR. ROGER L., b. Chicago, Ill., Oct. 19, 37; m. 61; c. 2. CLINICAL PSYCHOLOGY. A.B. Calvin Coll., 60; Ph.D. (clin. psychol.), Purdue, 64. Staff psychologist, Pine Rest Christian Psychiat. Hosp., Grand Rapids, Mich., 64-66; asst. prof. psychol. & clin. psychologist, counseling center, Hope Coll., 66-69; ASSOC. PROF. PSYCHOL. & DR. PSYCHOL. SERV., AP. PALACHIAN STATE, 69- Clin. psychol. consult., Christian Guid. Center, Grand Rapids, Mich., 65-68. Relationship between religion and mental illness and mental health; process of group and individual psychotherapy; counseling. Publ. The development of a religious neuroticism inventory, Proc. Christian Asn. Psychol. Studies, 4/69 & Religion and psychology; bedfellows, Faculty Pub. Appalachian State Univ., 3/70. Address: Psychological Services, Appalachian State University, Boone, N.C. 28607.
- STEENSEN, DR. DONALD H. J. Forest Economics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- STEFFLRE, PROF. BUFORD (LOUIS). Counseling, Guidance. See 11th ed, Soc. & Behav. Vols., deceased 69.
- STEFFLRE, PROF. VOLNEY, b. McGregor, Minn., Nov. 6, 31. PSYCHOLOGY, ANTHROPOLOGY. B.A. Reed Coll., 58; Harvard, 58-60, jr. fel. Soc. of Fels., 60-63. Lectr. psychol., Yale, 63-64; asst. prof. sociol. & psychol., Michigan, 64-65; vis. asst. prof., California, Los Angeles, 65-66; asst. prof. PSYCHOL. & ANTHROP., CALIFORNIA, IRVINE, 66-69, ASSOC. PROF., 69- Res. fel., Rand Corp., Calif., 65-66. U.S.A., 51-54. AAAS; Psychol. Asn.; Ling. Soc. Am. Relations between language and thought and language and behavior; data processing techniques. Publ. Co-auth. Language and cognition revisited, J. Abnorm. & Soc. Psychol., 69: 472-481; auth. Simulation of people's behavior toward new objects and events, Am. Behav. Scientist, 8: 12-16 & Language and cognition in Yucatan: a cross cultural replication, J. Personality & Soc. Psychol., 4: 112-115. Address: Dept. of Psychology & Anthropology, School of Social Sciences, University of California, Irvine, Calif. 92664.
- STEGEMOELLER, PROF. HARVEY, b. Sagerton, Tex., Feb. 23, 29; m. 53; c. 6. AMERICAN HISTORY. B.A. Concordia Sem. (Mo.), 50; Washington (St. Louis), 50-55; Southwest Col. (Kans.), 51-52; M.A., Toledo, 62; Non-western Studies fel., Georgetown, 67-68. Instr. HIST., St. John's Col., 53-56; asst. prof., CONCORDIA SR. COL., 58-63, ASSOC. PROF., 63- American politics; counseling and guidance. Address: Dept. of History, Concordia Senior College, Ft. Wayne, Ind. 46805.
- STEGENGA, DR. PRESTON J. History, Political Science. See 5th ed, Dir. Am. Scholars, Vol. 1, Hist.
- STEGER, DR. JOSEPH A. (LOYUIS). Psychology, Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-, Dept. of Psychology, State University of New York, Albany, N.Y. 12203.
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Res. Ass. School psychology; relationships between parental attitudes and school achievement; psychological status of children who have had rheumatic fever; socioeconomic correlates of perceived parental attitudes. Address: Dept. of Pediatrics, University of Iowa, Iowa City, Iowa 52240.

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STEIN, PROF. BURTON. Indian History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.

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STEIN, PROF. HARRY L. Educational Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Emer. prof., 68-, Graduate Division, Faculty of Education, University of British Columbia, Vancouver 8, B.C., Can.

STEIN, DR. HERBERT. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Mem., 70-, President's Council of Economic Advisors, The White House, Washington, D.C. 20500.

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STEIN, DR. WALTRAUT J (OHANNA) H (EDWIG). Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.

STEIN, DR. ZENA. Epidemiology. See Suppl. V to 11th ed, Phys. & Biol. Vols.

STEINBERG, DR. DANNY (DAVID), b. Toronto, Ont. Aug. 10, 31; m. 62; c. 1. PSYCHOLOGY, LINGUISTICS. B.A., British Columbia, 60; M.A., Hawaii, 64, Ph.D. (psychol.), 66. Res. Assoc. PSYCHOLOGY, ed. res. & develop. center, Hawaii, 66-67; Nat. Inst. Mental Health res. fel, inst. comm. res., Illinois, Urbana, 67-69; ASST. PROF. DEPT. SPEECH-COMMUN, HAWAII, 69. Psychol. Assn. Ling. Soc. Am. Depl. linguistic processes; semantic theory; infant reading; speech perception. Publ: Co-auth & ed. Semantics: an interdisciplinary review in philosophy, linguistics and psychology, Cambridge, 70; auth, Analyticity, amphigory and the semantic interpretation of sentences, J. Verbal Learning & Verbal Behav., 70 & Negation, analyticity, amphigory, and the semantic interpretation of sentences, J. Exp. Psychol., 70. Address: Dept. of Speech-Communication, University of Hawaii, Honolulu, Hawaii 96822.

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Chief Economist, Syst. Synthesis Inc., Ojai, Calif, 69- Statist. consult., Gov.  
Adv. Cmt. Taxation, Okla, 68-70. Econ. Asn.; Economet. Soc.; Econ. Study  
Soc.; Math. Asn. Am.; World Future Soc. Mathematical economics; macro-  
economic theory, especially growth models; human transportation and  
lodging. Publ: High interest rates: fact or fiction, Okla. Bus. Bull, 5/68;  
The simple analytics of neoclassical growth theory: comment, Q. J. Econ. Rev.  
Econ. & Bus., summer 69; Two Keynesian models of simultaneous inflation  
and unemployment, Nebr. J. Econ. & Bus., winter 70. Address: Dept. of  
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- STEPHENS, KEITH T. b. Ogden, Utah, May 12, 23; m. 53; c. 3. MARKETING,  
ECONOMICS. B.S. Brigham Young, 49; M.S. N.Y. Univ., 52; M.B.A., Michi-  
gan, 58. Asst. prof. mkt. econ., Fairleigh Dickinson, 59-60; real estate res.  
analyst, Equitable Life Assurance Co. U.S., 60-67; asst. v.pres, Morgan  
Guaranty Trust Co. N.Y. 67-68; ASSOC. PROF. MKT. ECON, SETON HALL,  
68-. Nat. Planning Assn.; Mkt. Asn.; Econ. Asn. U.S.A., 43-45. Real estate  
economics; economic forecasting; banking and finance; logistics. Address:  
3 Lorraine Rd, Madison, N.J. 07940.
- STEPHENS, DR. THOMAS MARON, b. Youngstown, Ohio, June 15, 31; m. 55.  
PSYCHOLOGY, EDUCATION. B.S., Youngstown, 55; M.Ed., Kent State, 57;  
U.S. Off. Ed. fel, Pittsburgh, 64-65, Ed.D.(spec. ed. rehab), 66. Teacher,  
pub. schs., Ohio; psychologist & therapist, Niles, Ill., 67-68; Schs.,  
67-68; sch. psychologist, Montgomery County Pub. Schs., 68-80; con-  
sult. progs. for gifted children, div. spec. ed., State Dept. Ed., 60-62, ad-  
ministr. progs. for gifted & slow learning children, 62-64, coordinator progs.  
for culturally deprived children, div. fed. assistance, 65-66; ASSOC. PROF.  
progs. in learning & behav. handicaps, sch. ed., Univ. Pittsburgh, 66-70;  
CHILDREN WITH LEARNING & BEHAV. HANDICAPS, COL. E. OHIO  
STATE, 70-. U.S. Off. Ed. fel, 66-70; U.S. Off. Ed. grant & mem. Task Force  
to Design Nat. Follow-Through Prog. Early Childhood Ed., 67-68. Consult.  
div. compensatory ed., U.S. Off. Ed., 67-68. Pres., Coun. State Dir. Progs.  
for Gifted Children, 62-63. Psychol. Asn.; Coun. Except. Children; Ed. Res.  
Asn. Application of reinforcement theory to instruction of emotionally  
disturbed children and children with serious learning problems. Publ: Di-  
rective teaching of children with learning and behavioral handicaps, Merrill,  
70; co-auth, Merits of special class, resource and itinerant plans for teach-  
ing partially seeing children, Except. Children, 2/69; auth, Psychological  
consultation to teachers of learning and behaviorally handicapped children  
using a behavioral model, J. Sch. Psychol., 70. Address: 1753 Blue Ash  
Place, Columbus, Ohio 43224.
- STEPHENS, PROF. WILL BETH, b. Van Horn, Tex, July 14, 18; m. 43; c. 2.  
EDUCATIONAL PSYCHOLOGY. B.F.A., Texas, 42, M.Ed., 58, U.S. Off. Ed.  
fel, 60-62, Ph.D.(ed. psychol), 64. Asst. dir. progs. USO-YMCA, 42-45;  
asst. dir. young adult prog., TWCA, Austin, Tex, 46-47; teacher, pub. schs.,  
56-60; res. assoc. SPEC. ED., Texas, 62-64; res. asst., prof., Illinois, 65-  
66; PROF. TEMPLE, 66- Voc. Rehab. Admin. fel, Univ. Geneva, 64-65;  
Soc. Rehab. Serv. res. grant, 67-; Pa. Psychol. Asn. fel, 68-; fel, inst.  
epistemic study, N.Y. Univ. 69- Consult. State Schs; Pa., 68- Asn. Ment.  
Deficiency, Int. Asn. Sci. Study Ment. Deficiency, Coun. Except. Children;  
Ed. Res. Asn.; Soc. Res. Child Develop. Psychol. Asn. Cognitive develop-  
ment of exceptional children; intellectual stimulation of culturally deprived  
infants; after training success of young adult retardates; the development  
of reasoning, moral judgment and moral conduct. Publ: Co-auth, Success  
of young adult retardates, Coun. Except. Children, 68; auth, Training the  
developmentally young, Day, 70; auth, Chap. The diagnosis of reasoning,  
Tex. Ed. Agency, 70. Address: 358 Winding Way, Merion, Pa. 19066.
- STEPHENS, PROF. WILLIAM P(AUL). Agricultural Economics. See L-Z  
Vol, 11th ed, Soc. & Behav. Vols. Change of address: Agricultural Experi-  
ment Station, Box 3-BF, New Mexico State University, Las Cruces, N.Mex.  
88001.
- STEPHENSON, DR. BOBBY LYNN, b. Remlap, Ala, Nov. 15, 41; m. 68; c. 1.  
EDUCATIONAL PSYCHOLOGY. B.S., Alabama, 63, M.A., 65, Ph.D.(ed. psy-  
chol. & counseling), 68. Teacher, jr. high sch, 63-65; ASST. PROF. PSY-  
CHOL, NORTHEAST LA STATE COL, 66-. Asn. Ment. Deficiency. Social  
class and language development; psycholinguistics. Address: Dept. of Psy-  
chology, Northeast Louisiana State College, Monroe, La. 71201.
- STEPHENSON, CHARLES M. Economics. See L-Z Vol, 11th ed, Soc. &  
Behav. Vols. New position: Chief gov. res. staff, 68-, Division of Naviga-  
tion Development & Regional Studies, Tennessee Valley Authority, 525  
Arnstien Bldg, Knoxville, Tenn. 37902.
- STEPHENSON, DIANE DURHAM, b. Birmingham, Ala, July 20, 30; m. 53; c. 3.  
SOCIOLOGY, URBAN PLANNING. B.A., Alabama, 51, M.A., 53. Res. assoc.  
soc. sci., Alabama, 52-54; sociol., Couey & Couey, 54-55; res. consult., hu-  
man rels. med. center, Alabama, 56-60; dir. res. community planning, Bir-  
mingham Community Coun, 60; admin. asst. health planning, Ga. Dept. Pub.  
Health, 60-62, planning officer, 62-67, chief epidemiologist, 67-68; RES.  
ASSOC. SCH. SOC. WORK, GEORGIA, 68- Consult. Ga. Dept. Ed., 63-68;  
Appalachian Regional Cmn, 66-67. Pub. Health Asn.; Soc. Asn.; World  
Future Soc. Health planning; health services delivery; child welfare. Publ:  
Co-auth, Institutional nurses, Univ. Ala, 54; auth, The concept of multi-  
community demonstration health facility, In: Community planning comprehensive  
health services, Appalachian Regional Cmn, 66; Health Service planning,  
Ga. County Govt. Mag, 68. Address: Social Work Research Center, Uni-  
versity of Georgia School of Social Work, Athens, Ga. 30601.
- STEPHENSON, DR. RICHARD ALLEN, b. Cleveland, Ohio, June 8, 31; m. 52;  
c. 3. GEOGRAPHY, GEOLOGY. B.A., Kent State, 59; M.S., Tennessee, 61;  
Ph.D.(geog. geol), Iowa, 67. Engr. ad., Akron City Planning Cmn, Ohio  
summer 59; area planner, State Planning Cmn, Tenn, 59-61; planner, C.V.  
Hill & Assoc., 61-62; ASST. PROF. GEOG., East Carolina, 62-67; GEORGIA,  
67-. U.S.N., 50-54. Asn. Am. Geog.; Geol. Soc. Am. Analysis of surfaces;  
fluvial geomorphology; channel and hydraulic geometry; drainage system  
analysis; resource planning and development; quantitative techniques, espe-  
cially multivariate analysis and decision theory. Publ: Co-auth, The valley  
of Iowa, In: Iowa studies in geography, Univ. Iowa, 68; auth, Spatial variation  
of flood frequencies as related to hydraulic geometry, South. Geol., 69  
& On the use of grain size analysis in geomorphological studies, Prel.  
Geogr., 70. Address: Dept. of Geography, University of Georgia, Athens, Ga.  
30601.
- STEPHENSON, DR. ROBERT L(LOYD). Anthropology. See L-Z Vol, 11th ed,  
Soc. & Behav. Vols. New information: Dir. inst. archeol. & anthrop., South  
Carolina, 68-; archeologist, State of S.C., 68- Address: 5831 Satchel Ford  
Rd, Columbia, S.C. 29206.
- STERCH, PROF. PETER G(EOGE). Economics, Political Science. See  
L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. econ., Drexel,  
69- Address: 340 Meeting House Lane, Narberth, Pa. 19072.
- STERLING, PROF. ROBERT R. b. Bugtussle, Okla, May 16, 31. ACCOUNT-  
ING. B.S., Denver, 56, M.B.A., 58; Ford Found. fel, Florida, 58-60, Ford  
Found. grant, 60-61, Ph.D.(econ), 64. Lab. instr., Eng. Denver, 54-55,  
Instr. econ, 55-57; acct., Florida, 57-62; asst. prof., Southern California,  
62-63; soc. sci., Harpur Col, 63-66; assoc. prof. BUS. ADMIN., KANSAS,  
67-69, PROF., 69- Ford Found. faculty fel. bus., 65-66; Nat. Sci. Found.  
sci. faculty fel, Yale, 66-67. Bk. rev. ed., Act. Rev., 69- Am. Inst. Cert.  
Pub. Acct. gold medal, 69. U.S.A., 45-47; U.S.N., 50-52. Am. Acct. Asn.  
Theories of income and wealth; methodological problems; philosophy of  
science. Publ: The theory of the measurement of enterprise income, Univ.  
Kansas, 70; The going concern: an examination, Act. Rev., 7/68; An abstract  
of accounting theory, Ann. Econ. & Mgt. Sci., 68. Address: 2514 Harvard Rd,  
Lawrence, Kans. 66044.
- STERN, DR. DAVID H(AROLD). Economics. See L-Z Vol, 11th ed, Soc. &  
Behav. Vols. New information: Pres., Back to Eden, 69- Address: 4970  
Cass St, San Diego, Calif. 92109.
- STERN, DR. ELIZABETH. Experimental Pathology. See Suppl. VI to 11th  
ed, Phys. & Biol. Vols.
- STERN, PROF. GEORGE G(ORDON). Psychology. See L-Z Vol, 11th ed,  
Soc. & Behav. Vols. New information: Also dir, 68-, Social Psychology  
Training Program, Syracuse University, Syracuse, N.Y. 13210.
- STERN, DR. ROBERT M(ORRIS), b. New York, N.Y., June 18, 37. EXPERI-  
MENTAL PSYCHOLOGY. A.B., Franklin & Marshall Col, 58; M.S., Tufts,  
60; Ph.D., Indiana, 63. Asst. Tufts, 58-60; res. psychologist, Harvard Med.  
Sch, 60; teaching asst., Indiana, 60, teaching assoc. & res. asst., 61-62;  
res. assoc., 63-65; asst. prof. PSYCHOL., PA. STATE, 65, ASSOC. PROF., 68-  
AAAS; Psychol. Asn.; Soc. Psychophysiol. Res. Feedback of the responses of  
the autonomic nervous system to their modification and effects on other as-  
pects of behavior. Publ: Co-auth, Gastric motility: the electrogram, In:  
A manual of psychophysiological methods, North-Holland, 67; Ability of  
actors to control their GSRs and express emotion, 1/68 & A comparison of  
GSR and subjective adaptation to stressful stimuli, 7/70, Psychophysiology.  
Address: Dept. of Psychology, Pennsylvania State University, University  
Park, Pa. 16802.
- STERNBERG, DR. MARVIN J(OHN), b. Minneapolis, Minn, Dec. 1, 33; m. 61;  
c. 2. ECONOMICS. B.A., California, Berkeley, 55, Inter-Am. Cult. Cmt.  
grant, 60-61, M.A. & Ph.D.(econ), 62. Consult. Inter-Am. Cmt. Agr. De-  
velop., 62-64; economist, Int. Labour Off., 64-68; ASST. PROF. ECON.,  
STATE UNIV. N.Y. ALBANY, 68-, faculty fel. & grant-in-aid, res. found,  
69-70. U.S.A., 56-58. Econ. Asn.; Latin Am. Studies Asn. Land tenure and  
agrarian reform; rural employment; Latin American economic and social  
development. Publ: Co-auth, Chile, tenencia de la tierra y desarrollo  
socio-economico del sector agrícola, CIDA, 66; auth, Distribución del in-  
greso en la agricultura, In: Delgado Reforma agraria en la América  
Latina, F.d.el Cultura, 66; Agrarian reform and employment, with special  
reference to Latin America, Int. Labour Rev., 1-2/67. Address: Dept. of  
Economics, State University of New York, at Albany, Albany, N.Y. 12203.
- STERNER, DR. FRANK M(AURICE). Industrial Psychology. See L-Z Vol,  
11th ed, Soc. & Behav. Vols. New position: Pres., Nourse & Sterner, Inc.,  
69- Address: 1201 N. Prospect Ave., Milwaukee, Wis. 53202.
- STERNLIEB, PROF. GEORGE. City Planning. See L-Z Vol, 11th ed, Soc. &  
Behav. Vols. New information: Also dir, 69-, Center for Urban Social Sci-  
ence Research, Rutgers, The State University, 137 Church St, New Bruns-  
wick, N.J. 08903.
- STERNLIGHT, DR. DAVID. Mathematical Economics, Operations Research.  
See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. econ. plan-  
ning, Litton Industries, Inc, 68- Address: 9370 Santa Monica Blvd, Beverly  
Hills, Calif. 90213.
- STERRITT, DR. GRAHAM M(NOR). Psychology. See L-Z Vol, 11th ed,  
Soc. & Behav. Vols. New information: Dir., McClelland Learning Inst., 69-  
Address: Division of Clinical Psychology, University of Colorado Medical  
Center, 4200 E. Ninth Ave., Denver, Colo. 80202.
- STESSN, PROF. LAWRENCE, b. New York, N.Y., July 23, 11; m. 37. MAN-  
AGEMENT. Ph.D.(pub. admin), N.Y. Univ. 57, Writer, New York Times,  
33-38; contrib. ed., Forbes Mag., 38-56; PROF. MGT, HOFSTRA, 58- Indust.  
Rels. Res. Asn.; Acad. Mgt. Labor relations; journalism. Publ: Employee  
discipline, Bur. Nat. Affairs, 57, The practice of personnel and industrial  
relations, Pitman, 64 & The disloyal employee, Bur. Bus. Res., 69. Ad-  
dress: Dept. of Business Administration, Hofstra University, Hempstead,  
N.Y. 11550.
- STETTNER, DR. WALTER F(RITZ). Economics. See L-Z Vol, 11th ed, Soc. &  
Behav. Vols. New position: Dir. off. econ. policy, 69-, Bureau for Viet-  
nam, Agency for International Development, Dept. of State, Washington,  
D.C. 20523.



- STEVENS, DR. A(LDEN) JAY. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Ph.D. Maryland, 69. Address: Dept of Political Science, California State College, Long Beach, Calif. 90801.
- STEVENS, DR. DAVID A. b. San Francisco, Calif. Aug. 27, 32; m. 56; c. 4. COMPARATIVE PSYCHOLOGY, PSYCHOPHARMACOLOGY. A.B. California, Berkeley, 54; Nat. Inst. Health fel, Oregon, 62-64. M.A. 63, Ph.D. (comp. psychol.) 65. Instr. PSYCHOL., Oregon, 64-65; asst. prof. CLARK, 65-68, ASSOC. PROF., 69. Consult. Worcester Found. Exp. Biol. 68; vis. scientist, Utrecht, 70. U.S.C.G.R. 55-58, Lt.(jg). AAAS; Psychol. Assn; Psychonomic Soc. Discrimination learning theory; comparative psychology of learning; role of brain hormones on behavior. Address: Dept. of Psychology, Clark University, Worcester, Mass. 01610.
- STEVENS, REV. EDWARD VINCENT, S.J. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- STEVENS, DR. EVELYN P(ANIAGUA). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Lectr., Case Western Reserve University, 506 Crawford Hall, Cleveland, Ohio 44106.
- STEVENS, DR. GLADSTONE TAYLOR, JR. Operations Research, Economic Analysis. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- STEVENS, HARVEY ALONZO, b. West Allis, Wis. Oct. 20, 13; m. 40; c. 1. MENTAL RETARDATION EDUCATION. B.S. Wisconsin-Milwaukee, 39, Wisconsin, Madison, 46-51. Teacher, pub. schs, Wis. 39-43; prin, North. Wis. Colony & Training Sch., Chippewa Falls, 44-46; state supv., Bur. Handicapped Children, 46-48; supt. South. Wis. Colony & Training Sch., Grove, 48-55; E.R. Johnston Training & Res. Center, Bordenwood, N.Y. 55-58; Cent. Wis. Colony & Training Sch., Madison, 58-69; DIR. BUR. ENT. RETARDATION, DEPT. HEALTH & SOC. SERV., WIS. 69. Lectr., Wisconsin, Madison, 53. Consult, Nat. Assn. Retarded Children, 51-62; United Cerebral Palsy Assn. Inc., 51-69; Dept. Health, Ed. & Welfare, 56-; President's Panel Ment. Retardation, 62-64; President's Cmt. Ment. Retardation, 67. Distinguished Serv. Award, Wis. Assn. Retarded Children, 64; Int. Leadership Award, Joseph P. Kennedy, Jr. Found. 68; Distinguished Serv. Award, Wis. Acad. Sci. Arts & Letters, 68. Assn. Ment. Deficiency. Education of mentally retarded and development of programs and services to respond to their needs; developing innovative methods for delivery of services to the retarded. Publ.: Co-ed. & auth. introd. Mental retardation: a review of research, Univ. Chicago, 64; auth. Use of human subjects for research. In: Proceedings of the International Copenhagen Congress for the Scientific Study of Mental Deficiency, Berlingske Bogtrykkeri Denmark, 65; co-auth. An international review of developments in mental retardation, Ment. Retardation, 4/68. Address: Division of Mental Hygiene, Bureau of Mental Retardation, 1 W. Wilson St, Madison, Wis. 53702.
- STEVENS, DR. JAMES W. b. Swansea, S.C. Mar. 2, 38; m. 56; c. 3. POLITICAL SCIENCE. B.A. Fla. State, 62, M.A. 64, Ph.D. (polit. sci.), 66. Res. assoc., urban res. center, Fla. State, 66; asst. prof. polit. sci., Maryland, 66-69; ASST. DIR. INT. URBAN AFFAIRS, TEXAS, ARLINGTON, 69. U.S.A. 56-59, Res. 59-66. Soc. Pub. Admin. Polit. Sci. Assn. Urban & Regional Info. Sys. Assn. Urban and regional information systems; organization theory; public administration; data and statistics use in planning, management, and organization. Publ.: Governmental organization in east central Florida, Inst. Soc. Res. Fla. State Univ., 67; State-regional information systems: the criminal justice component, Inst. Urban Affairs, Univ. Texas, Arlington, 70. Address: Institute of Urban Studies, University of Texas at Arlington, Arlington, Tex. 76010.
- STEVENS, DR. NANCY DUNCAN, b. Passaic, N.J., Aug. 6, 24. COUNSELING, HISTORY. A.B. Barnard Coll. 47; M.A. N.Y. Univ. 50, Ph.D. (counseling), 60. Res. assoc., div. stud. N.Y. Univ. 53-54, asst. dir. placement serv. 54-60; assoc. dir. career counseling & placement bur. HUNTER COL. 60-68, ASST. PROF. VOC. BEHAV. COLLOQUIUM, DEPT. COUNSELING & STUDENT DEVELOP. & COORDINATOR GEN. COUNSELING, OFF. DEAN STUDENTS, 68. Summers, instr. dept. guid. & student personnel admin. N.Y. Univ. 58-59, 61, lectr. 63-65, vis. asst. prof. 66-68. Personnel & Guid. Assn. Nat. Voc. Guid. Assn. Job seeking behavior; vocational development; student attitudes. Publ.: A concept of placement readiness, Voc. Guid. Quart. spring 62; co-auth. The dynamics of job-seeking behavior, J. Employ. Counseling, 6/67 & Who and what influence student attitudes toward occupations, J. Col. Placement, 2-5/68. Address: 54 East Eighth St, New York, N.Y. 10003.
- STEVENS, DR. RICHARD E(WARD), b. Minneapolis, Minn., Mar. 5, 31; m. 53; c. 2. GEOGRAPHY. B.S. in Ed. Concordia Teachers Coll. (Nebr.), 52; M.A. Colorado, 58; Ph.D. (geog.), Kansas, 62. Teacher, parochial sch., Tex. 52-54; asst. prof. GEOG. Nebr. State Teachers Coll. Wayne, 61-63; COLORADO, DENVER, 63-65, ASSOC. PROF. & ASSOC. CHIEF, DEPT. 69. Fulbright lectr., Univ. Botswana, Lesotho & Swaziland, 67-68; vis. summer prof., Massachusetts, 65. Eng. C. U.S.A. 55-57. AAAS; Assn. Am. Geog. Soc. Agricultural geography, especially land tenure and agricultural practices among primitive peoples; microclimatology and production of crops. Publ.: Co-auth. Laboratory manual-Geomorphology & Laboratory manual-weather and climate, Univ. Colorado, 65, 68; auth. The development of cattle feeding on the Llano Estacado of Texas-New Mexico, Univ. Colorado, 66. Address: Dept. of Geography, University of Colorado-Denver Center, Denver, Colo. 80202.
- STEVENS, PROF. ROBERT BOCKING. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- STEVENSON, DR. ROBERT C(LARK). Social Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1301 Platiarn Dr, Apt. 7, Walnut Creek, Calif. 94595.
- STEVENSON, DR. ROBERT ENDLAY, b. Lowell, Mass. Mar. 11, 23; m. 60. ANTHROPOLOGY. A.B. Columbia Col. 48; Ph.D. (anthrop.), Columbia, 65. Assoc. ANTHROPOLOGY, Columbia, 63; lectr., Hunter Col. 64-65; asst. prof.,
- STATE UNIV. N.Y. STONY BROOK, 66-68, ASSOC. PROF. 68. Nat. Inst. Ment. Health res. fel. & grant, 55-66; chmn. seminar ecol. systs. & cultural evolution, Columbia, 69-; Nat. Sci. Found. summer instr. adv. high sch. students, Brooklyn Children's Mus. 68. U.S.A.A.F. 43-45, Sgt. AAAS; fel. Anthropol. Assn; fel. African Studies Assn; fel. Am. Geog. Soc.; Int. African Inst. Human ecology; comparative political systems and evolution of the state; development of anthropological theory; social organization. Publ.: Population and political systems in tropical Africa, Columbia Univ. 68. Address: 179 Bennett Ave., 7G, New York, N.Y. 10040.
- STEWART, DR. DONALD D. b. Liberty Center, Ohio, Sept. 6, 23; m. 56; c. 2. AGRICULTURAL ECONOMICS. B.Sc. Ohio State, 49, Ph.D. (agr. econ), 60. Teacher, high sch., Ohio, 49-50; farm mgt. specialist, farmers home admin. U.S. Dept. Agr., Ohio, 50-53, agr. economist, econ. res. serv. 56-61; asst. agr. econ. Ohio State, 54-56, asst. prof. U. & econ. adv. Punjab, India, 61-63; int. agr. economist, ECON. RES. SERV., U.S. DEPT. AGR., WASH., D.C., 63-65, AGR. ECONOMIST, 65. Mem. expert cmt. eval. intensive agr. develop. prog. Govt. of India, 61-63. Superior serv. unit award, U.S. Dept. Agr. 66, merit award, 69. U.S.N. 43-46. Agr. Econ. Assn. Economic development of rural segment of American economy; economic development, primarily of agriculture, within underdeveloped countries throughout the world. Publ.: Income, employment and resource use of rural families in Southeastern Ohio, Ohio State Univ., 60; co-auth. Agriculture in 26 developing countries, 66 & auth. Impact of economic opportunity loans on rural residents, 68, U.S. Dept. Agr. Address: 6305 Thomas Dr, Springfield, Va. 22150.
- STEWART, DR. MARGARET C(AROLYN) ST(OUT). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. clin. prof. psychol., 69-. Dept. of Psychiatry, Medical School, University of California, Davis, Calif. 95606.
- STEWART, DR. ANDREW. Agricultural Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Alberta Universities Commission, 202 Sir John Franklin Bldg, 11111 87th Ave, Edmonton, Alta. Can.
- STEWART, DR. BARBARA S(HERBURNE). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Exec. dir., 69-, Psychiatric Clinic, Recorder's Court, Detroit, Mich. 48228.
- STEWART, DR. EDWARD C(HARLES) P(EREIRA). Social Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 68-. Dept. of Intercultural Communication, University of Delaware, Newark, Del. 19711.
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- STEWART, PROF. G. T. b. Quinton, Ala. Aug. 12, 32; m. c. 2. ECONOMICS. B.S. Samford, 60; M.B.A. Alabama, 61, Ph.D. (econ), 66. Instr. econ. Samford, 61-63; asst. prof. BUS. ADMIN. Tennessee, Martin, 63-65; PROF., TROY STATE, 65. Econ. Assn. Economic growth. Publ.: Per capita income and employment in the Southeast, Ala. Bus. 12/67; The role of Alabama's labor force in the state's economic growth, 1940-60, J. Ala. Acad. Sci. 4/68. Address: Dept. of Business Administration, Troy State University, Troy, Ala. 36081.
- STEWART, DR. HENRY H. JR. b. Windber, Pa. Aug. 3, 37; m. 66. SOCIOLOGY. A.B. Franklin & Marshall Coll. 59; M.A. Miss. State, 61; fel. Fla. State, 61-62, Ph.D. (sociol.), 68. Res. assoc. SOCIOLOGY, inst. soc. res. Fla. State, 62-65; asst. prof. RICHMOND, 66-68, ASSOC. PROF. 68-. Am. Acad. Arts & Sci. Effects of housing improvements on attitudes of slum dwellers; studies of conditions underlying overt racial conflict in urban areas. Address: Dept. of Sociology, P.O. Box 234, University of Richmond, Richmond, Va. 23173.
- STEWART, DR. KENNETH D. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. & chmn. 68-. Dept. of Psychology, Augusta College, Augusta, Ga. 30904.
- STEWART, DR. PHILIP D. b. Brockton, Mass. Jan. 16, 38; m. 61; c. 2. POLITICAL SCIENCE. B.A. Northwestern, 60; fel. Indiana, 61, M.A. 62, Ph.D. (polit. sci.), 65; Inter-Unit. Cmt. Travel Grants fel. Moscow, 63. Asst. prof. POLIT. SCI., OHIO STATE, 64-69, ASSOC. PROF., 69. Mershon Soc. Sci. Prog. grant-in-aid, Ohio State, 67, Fulbright-Hays fel. 68; summer, faculty fel. 69. Polit. Sci. Assn. Adv. Slavic Studies. Soviet internal politics including elite studies and interests groups with a major focus on the Communist Party and the decision making process. Publ.: Political power in the Soviet Union, Bobbs, 68; Soviet interest groups and the policy process: the repeal of production education, World Polit. 10/68; Khrushchev-Brezhnev-Kossygin-the leadership debate continues, ALARS, Garmish, Germany, 68. Address: Dept. of Political Science, College of Social & Behavioral Sciences, Ohio State University, 218 N. Oval Dr, Columbus, Ohio 43210.
- STEWART, DR. WILLIAM HISTASPAS, b. Decatur, Ala. Aug. 20, 39. POLITICAL SCIENCE. B.A. Alabama, 60, Ph.D. (polit. sci.), 68; M.A. George Washington, 61. ASST. PROF. POLIT. SCI., The Citadel, 68-69; ALABAMA, 69. Polit. Sci. Assn. Study of problems and policies related to cooperation between governments at the local level; politics of water transportation. Publ.: The allocation of public functions: political and economic criteria, N. Cent. Ala. Regional Planning & Develop. Cmn. 70. Address: P.O. Box 703, University, Ala. 35486.
- STICE, DR. GLEN F(RANKLIN). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 2 Charlton St. Apt. 2B, New York, N.Y. 10014.

- STICKNEY, LT. COL. FRANK A. U.S.A.F., b. Hartford, Conn. Aug. 9, 29; m. 51; c. 1. MANAGEMENT, BEHAVIORAL SCIENCE. B.S. in B.A. Boston, 51; M.B.A. Air Force Inst. Tech. 55; Ph.D. (mgmt), Ohio State, 69. U.S. AIR FORCE, 51-, acct. finance officer, 51-58; spec. asst. missile sys. prog., Boston Procurement Dist. 58-61, res. & develop. mgt. Air Force Ed-With-Indust. res. & adv. develop. div. Avco Corp. Wilmington, Mass. 61-62, prog. mgr. procurement & prod. commun. sys. Electronics Sys. Div. 62-65, mgr. inspector, Sys. Comm. 65-67; ASSOC. PROF. SYSTS. MGT. AIR FORCE INST. TECH. 69- Lectr. Northeastern 58-65; Wright State, 68- Acad. Mgt. Organization theory and behavior; organizational designs for program management. Address: Dept. of Systems Management, Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio 45433.
- STILES, PROF. LINDLEY JOSEPH. Sociology, Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New publ: Education, Inc. Introduction to college ser., Putnam, 69. Address: Old College, Northwestern University, Room 301, Evanston, Ill. 60201.
- STILLMAN, DR. CALVIN W (HITNEY). Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. 68-, Dept. of Environmental Resources, College of Agriculture, Rutgers University, New Brunswick, N.J. 08903.
- STILLMAN, DR. EDMUND, b. New York, N.Y. Sept. 27, 24; m. 47; c. 3. POLITICAL SCIENCE, HISTORY. B.A. Yale, 45; J.D. Columbia, 47. For. Serv. Officer, U.S. Dept. State, 47-51; chief res. & anal. Radio Free Europe, 52-58; v-pres. Walker & Co. 58-61; SR. ASSOC. Hudson Inst. 62-67; WASH. CENTER FOR POLICY RES. 68- Rockefeller Found. fel. int. rels. 62; adj. prof. Hopkins Sch. Adv. Int. Studies, D.C. 68- Consult. Sandia Corp. 64-; Hudson Inst. 67-; Mitre Corp. 67- U.S.M.C. 44. Soviet area studies; United States foreign policy, especially European security and United States relations with the Third World. Publ: Co-auth. The new politics, Coward, 61 & Power and impotence: the failure of America's foreign policy, Random, 66; auth. The isolation years: America from Versailles to Pearl Harbor. Am. Heritage, 70. Address: Johns Hopkins University School of Advanced International Studies, 1740 Massachusetts Ave. N.W., Washington, D.C. 20036.
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- STINI, DR. WILLIAM ARTHUR. Human Biology, Physical Anthropology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- STINNETT, DR. RAY DARRELL, b. Augusta, Kans. July 16, 33; m. 55; c. 3. PSYCHOLOGY. B.A. Cent. Wash. State Col. 61, M.A. 62; Nat. Inst. Ment. Health fel. & D.ed. (ed. psychol), Oregon, 68. Instr. psychol, Cent. Wash. State Col. 61-62; sch. psychologist, Wash. 62-65; asst. prof. PSYCHOL. Lane Community Col. 66-68; ASSOC. PROF. EAST. ORE. COL. 68- U.S. Off. ed. grant, 68-69. U.S.A.F. 51-58, S/Sgt. Psychol. Assn. Role learning methodological studies; operant research. Publ: Retention in retarded and nonretarded children as a function of learning method, Am. J. Ment. Deficiency, (in press). Address: Dept. of Psychology, Eastern Oregon College, La Grande, Ore. 97850.
- STIPE, DR. CLAUDE E (DWIN). Anthropology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Ph.D. (anthrop), Minnesota, 68. Assoc. prof. Dept. of Sociology & Anthropology, Marquette University, Milwaukee, Wis. 53233.
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- STOCK, REV. MICHAEL, O.P. Philosophy, Psychology. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- STOCKMAN, PROF. LYNN HOMER. Marketing. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also acting head, Dept. of Marketing, College of Business, University of Arizona, Tucson, Ariz. 85721.
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- STODDARD, THEODORE L (OTHROP). Anthropology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Consult. ed. World Affairs, 69- Address: Institute for Cross-Cultural Research, 4000 Albarmer St. N.W., Washington, D.C. 20016.
- STOETZER, DR. O. CARLOS. History of Latin America & Africa. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- STOFFER, PROF. DEAN LEWIS, b. Mansfield, Ohio, Oct. 17, 34; m. 60; c. 3. PSYCHOLOGY, SPECIAL EDUCATION. B.A. North Cent. Col. (Ill.), 58; M.A., Ohio State, 59, fel. & Ph.D. (spec. ed), 68. Teacher, pub. schs. Mich. 56-58; sch. counsr. high sch. Ohio, 59-61; intern. psychologist, pub. schs. Ohio, 61-62; sch. psychologist, 62-66; res. assoc. psychol. Ohio State, 66-68; psychol. Cent. Ohio Ment. Health Clin. & Guid. Center, 68; assoc. prof. psychol. EDINBORO STATE COL. 68-69, PROF. SPEC. ED. 69- Mem. bd. dirs. J. Sch. Psychol. 67- Psychol. Assn. Conn. Except. Children. Therapeutic intervention; parental pathology. Address: R.D. 3, Erie Rd, Edinboro, Pa. 16412.
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- STOLTITZ, PROF. GEORGE J (OSEPH), b. New York, N.Y. Apr. 4, 20; m. 47; c. 3. ECONOMICS, STATISTICS. B.A. City Col. New York, 39; M.A. Princeton, 42, Ph.D. (econ. demog), 52. Statist. analyst, New York City Dept. of Econ. 49-49, 49-50, 41-42; res. assoc. off. pop. res. Princeton, 48-53, asst. prof. ECON. 53-56; assoc. prof. INDIANA, 56-59, PROF. 59- DIR. INT. DEVELOP. RES. CENTER, 66- Nat. Sci. Found. res. fel. 59-60; vis. prof. Kiel, 63. Summer consult. pop. div. U.S. 47. Mem. 1960 pop. census monogr. cmt. Soc. Sci. Res. Coun-U.S. Bur. Census, 61-; tech. adv. cmt. U.S. Bur. Census, 65-; life tables cmt. U.S. Dept. Health, Ed. & Welfare, 64- U.S.A.F. 42-46, Capt. Pop. Assn. (v-pres. 62); Econ. Assn. Economet. Soc. Economic development; population; quantitative economic methodology; sample survey techniques; manpower, especially migration. Publ: Life tables from limited data: a demographic approach, 56 & US employment and unemployment statistics: an evaluation, 62, Princeton Univ. Address: International Development Research Center, Indiana University, 703 E. Seventh St, Bloomington, Ind. 47405.
- STOLUROW, DR. LAWRENCE M (ARMER). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: 62 Sherburne Rd, Lexington, Mass. 02173.
- STOLZ, DR. STEPHANIE BALOG, b. Syracuse, N.Y. June 27, 38. PSYCHOLOGY. B.A. Reed Col. 59; U.S. Pub. Health Serv. fel. Washington (Seattle), 60 & 62-63, M.S. 61, Ph.D. (psychol), 63. Instr. psychol. Beloit Col. 63-65, asst. prof. & deputy chmn. dept. 65-67; dir. res. Jewell Found. Res. Children, 67-70; CHIEF SMALL GRANTS SECT. DIV. EXTRA-MURAL RES. PROJ., NAT. INST. MENT. HEALTH, 70- Res. assoc. behav. res. lab. Anna State Hosp. 65; U.S. Pub. Health Serv. fel. dept. human develop. Kansas, 66-67; asst. prof. sch. med. Hopkins, 69-, assoc. dir. Nat. Sci. Found. Summer Inst. Contemporary Psychol. Beloit Col. 64 & 65. Adv. ed. J. Exp. Anal. Behav. 65; consult. American Univ. 68-70; Behav. ed. J. Appl. Behav. Anal. 68-; consult. div. res. planning & eval. D.C. Pub. Schs. 70- Psychonomic Soc. Psychol. Assn. Behavior modification; conditioning and learning. Publ: Co-auth. Establishment in rats of a persistent response producing a net loss of reinforcement, J. Comp. & Physiol. Psychol. 64, auth. Vaso-motor response in human subjects: conditioning and pseudo-conditioning, Psychonomic Sci. 65; co-auth. Visual discrimination in a blind adolescent retardate, J. Appl. Behav. Anal. 69. Address: 10105 Windstream Dr, Columbia, Md. 21043.
- STOLZ, DR. WALTER SARGENT, b. Milwaukee, Wis. Dec. 12, 38; m. 60; c. 2. PSYCHOLOGY, LINGUISTICS. B.S. Wisconsin, 60, M.S. 62, Ph.D. 64. Nat. Sci. Found. fel. center cognitive studies, Harvard, 64-65; ASST. PROF. PSYCHOL. TEXAS, AUSTIN, 65- Psychol. Assn; Ling. Soc. Am. Psycho-



- linguistics; language acquisition; sociolinguistics. Publ: A study of the ability to decode grammatically-novel sentences. *J. Verbal Learning & Verbal Behav.* 67; co-auth. Transitional probability is not a general mechanism for the segmentation of speech. *J. Exp. Psychol.* 69; auth. Some experiments with queer sentences. *Lang. & Speech.* 70. Address: Dept. of Psychology, University of Texas, Austin, Tex. 78712.
- STONE, DR. BRYCE DOUGLAS, JR. b. Cookeville, Tenn. Apr. 4, 27; m. 65; c. 1. **PSYCHOLOGY, MANAGEMENT.** A.B. George Washington, 49; M.S. Tennessee, 56; Ford Found. fel. 57-59, Ph.D. (psychol), 68. Foreman, prod. dept. Crosley Div, Aveo Corp, 52-53; instr. econ. col. bus. admin. Tennessee, 53-56, mgt, 56-63; specialist mgt. develop. Martin-Orlando Div, Martin-Marietta Corp, 63-65; coordinator personnel develop. corp. staff, Tex. Instruments Inc, 65-67, mgr. corp. personnel info, 67-68; ASSOC. PROF. MGT. COL. BUS. ADMIN. TEXAS A&M, 68. Consult. Qual. Foods, Inc, Tenn, 61; Magnavox of Tenn, 62-63; Assoc. Indus. of Tenn, 63; Safe-guard Agency, U.S. Army, 69. Agr. Stabilization & Conserv. Serv., U.S. Dept. Agr. & Texas, 69.; Ralph Wilson Plastics, Inc, Tex, 69. U.S.N.R., 45-46, Res, 46-59, Ens. Psychol. Asst.; Soc. Personnel Admin.; Indust. Rel. Res. Assn. Organization and manager development; employee motivation; performance appraisal; personnel information systems; manpower planning. Publ: Reorganizing—more than drawing a new chart, Personnel Admin., 65 & Why attitudes count, Suprvy. Mgt., 70. Address: 1305 Glade St, College Station, Tex. 77840.
- STONE, DR. GIDEON BART. Psychology, Physiology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Chief, 69., Division of Mental Health Service Programs, National Institute of Mental Health, 9454 Wisconsin Ave, Chevy Chase, Md. 20015.
- STONE, IRVING R(ODNEY). Psychology. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position: Staff servs. dir, 69., Fairview State Hospital, Costa Mesa, Calif. 92628.
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- STONE, PROF. KIRK H(ASKIN). Geography. See L-Z Vol, 11th ed. Soc. & Behav. Vols. New position: Res. prof, 69., Dept. of Geography, University of Georgia, Athens, Ga. 30601.
- STONE, PROF. LEO D. Finance, Accounting. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1463 Carriage Rd, Powell, Ohio 43065.
- STONESIFER, PROF. GILBERT R(OSS). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, Mt. Union Col., 70. Address: 1794 Lilly Lane, Alliance, Ohio 44601.
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- STORER, DR. NORMAN W(ILLIAM). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Prof. sociol. & chmn. dept, Bernard M. Baruch Col., 70.; consult. Soc. Sci. Res. Coun., 70. Address: 23 Midway Rd, White Plains, N.Y. 10607.
- STOTT, PROF. D.H. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Assoc. chmn, 69., Center for Educational Disabilities, University of Guelph, Guelph, Ont., Can.
- STOUGHTON, DR. ROBERT W(ETMORE). Counseling, Educational Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Dir. div. instr. serv, 68., Connecticut State Dept. of Education, Hartford, Conn. 06115.
- STOUT, PROF. DAVID B(OND). Anthropology. See 11th ed, Soc. & Behav. Vols, deceased.
- STOUT, PROF. HIRAM M(ILLER). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. int. affairs & polit. sci, George Washington, 69. Address: 4000 Cathedral Ave, Washington, D.C. 20016.
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- STOVER, DR. STEPHEN LEECH. Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, 69., Division of Geography, Kansas State University, Manhattan, Kans. 66502.
- STRAHAN, DR. ROBERT F(ARRELL). b. Girard, Kans. May 6, 39; m. 64. **PSYCHOLOGY.** B.A. Kans. State Col. Pittsburg, 61; Nat. Sci. Found. fel., Chicago, 62-63; Nat. Inst. Ment. Health fel., Minnesota, 63-67, Ph.D. (psychol), 67. NATO fel. sci. dept. psychol. inst. psychiat., London, 67-68; ASST. PROF. PSYCHOL. ROCHESTER, 68. Psychol. Asst.; Soc. Psychophysiol. Res. Personality, psychophysiology; psychological measurement and statistics. Publ: A coefficient of directional correlation for time-series analyses, Dept. Psychiat., Univ. Minnesota, 68; co-auth. Some properties of skin conductance and potential, 68 & auth. A simple device for the polygraphic recording of judgments, 70, Psychophysiology. Address: Dept. of Psychology, University of Rochester, Rochester, N.Y. 14627.
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- STRANDBERG, DR. JAMES MICHAEL. b. Milwaukee, Wis. Apr. 10, 38; m. 63; c. 1. **EXPERIMENTAL PSYCHOLOGY.** B.A. Carroll Col. (Wis), 60; M.A. Nevada, Reno, 62; Ph.D. (exp. psychol), Purdue, 69. Asst. prof. psychol., Chico State Col., Calif., 67-68; vis. prof. exp. psychol., Wesleyan Col. (N.Y.), 68-69; ASST. PROF. STATIST., STATE UNIV. N.Y. COL. BROCKPORT, 69. Statist. consult, 67-68. Statistics; psychological measurement and perception; education in college. Address: Dept. of Psychology, State University of New York College at Brockport, Brockport, N.Y. 14420.
- STRANGWAYS, DR. RAYMOND SCOTT. b. Little Rock, Ark. June 20, 34; m. 58; c. 2. **ECONOMICS.** A.B. Vanderbilt, 55; Col. William & Mary, 58-59; Ph.D. (econ), Tulane, 65. Lectr. ECON. Univ. Maryland European Div, 63-64; ASSOC. PROF. Old Dominion, 64-67; GEORGIA STATE COL., 67. U.S.N., 55-58, Lt. Econ. Asn. Economic theory; business cycles. Publ: Co-auth. Food prices in low income areas, Ga. State Col., 69. Address: Dept. of Economics, Georgia State College, Atlanta, Ga. 30303.
- STRASMA, DR. JOHN DRINAN. b. Kankakee, Ill. Mar. 29, 32; m. 56; c. 5. **ECONOMICS.** A.B. DePauw, 53; Danforth fel. Harvard, 57, 60, M.A., 58, Ph.D. (econ), 60; Fulbright scholar, Chile, 59. Indust. engr. Procter & Gamble Mfg. Co., St. Louis, 53-54; res. asst. Fed. Res. Bank, Boston, 58-59; vis. prof. econ. grad. sch. econ. Chile, 60-64; economist, UN Secretariat, 64-65; vis. prof. econ. develop. land tenure center, WISCONSIN, MADISON, 65-68. ASSOC. PROF. ECON. 66. Lectr. training courses in Chile, Colombia & Peru for land reform officials, sponsored by Food & Agr. Orgn. UN, 63-64; UN Develop. Inst. Dakar, Senegal, 66. Fiscal policy adv. Bolivia, fielded by Econ. Cmn. Latin Am, UN, 61; prod. adv. Ford Found. Chile Prog, 67; consult. fiscal & financial br. UN Secretariat, 68. U.S.A., 54-56. Econ. Asst.; Nat. Tax Asst.; Latin Am. Studies Asst. Agr. Econ. Asst.; Chile Planning Asst. Mobilization of domestic resources in less developed economies; evaluation of land reform programs; history and comparative study of tax reforms; interdisciplinary theories of economic and social development. Publ: Co-auth. Free trade zone in Latin America: some unsolved problems, Univ. Chile, 60; auth. Market enforced self assessment of taxes, Bull. Int. Fiscal Document, 65/66; Compensation in land reform programmes, In: Fourth report on progress in land reform, Secy-Gen, UN, 66. Address: Dept. of Economics, University of Wisconsin, Madison, Wis. 53706.
- STRATTON, DR. SAMUEL SOMMERVILLE. Economics. See 11th ed, Soc. & Behav. Vols, deceased 69.
- STRAUGHAN, DR. JAMES H(OLMES). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Psychologist, 69., Experimental Education Unit, University of Washington, Seattle, Wash. 98105.
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- President's Cmn. White House Fels, 67-68, dir. 68-69; Commonwealth Fund grant and Ford Found. study-travel grant, 69-70; V.PRES. SOCIO-DYNAMICS INDUSTRIES, INC. 70- Consult, U.S. Dept. Health, Ed. & Welfare, 70. U.S.A.R. 58-67, 1st Lt. Polit. Sci. Assn. United States government research sponsorship; organization, coordination, policy-making, sponsor-performer relations, impact; United States government education programs for the disadvantaged. Publ: Co-auth & ed, Hugo Black and the Supreme Court, Bobbs-Merrill, 67 & Sponsored research in American universities and colleges, Am. Coun. Ed. 68; auth, Congress, the Supreme Court and public policy, Am. Univ. Law Rev, spring 68. Address: 3010 32nd St. N.W. Washington, D.C. 20008.
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- J. Conflict Resolution, 68; Adaptation to change in multiple probability tasks, *Am. J. Psychol.*, 69. Dept. of Psychology, University of Kansas, Lawrence, Kans. 66044.
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- SURANYI-UNGER, PROF. THEO, b. Budapest, Hungary, 98. ECONOMICS. Dipl. Oriental Sch. Commerce, Hungary, 18; LL.D. & Dr. rer. pol. Graz, 19; Ph.D. Puzmazy, 20, dr. (pub. econ), Palatin Joseph Univ., 21. Privat-dozent & lectr. econ, Palatin Joseph Univ., Hungary, 24; prof. law, Col. Law, Hungary, 26-28; assoc. prof. econ. & statist. Palatin Joseph Univ., Hungary, 28-33, prof. 33-35, econ. & finance, 35-40, dean dept. law & polit. sci., 36-37, pro-dean, 37-38; prof. econ. & finance, Elizabeth Univ., 40-45; vis. prof. ECON, Innsbruck, 45-46; prof. SYRACUSE, 46-66, EMER. PROF., 66-; PROF. NORTHERN ILLINOIS, 66- Lectr. Austria, Japan, China, India, Australia, Germany, Netherlands & U.S. 26-; Rockefeller Found. fcls, U.S. 29, Geneva, 32; Soc. Sci. Pres. Coun. fcls, 48-49, 49-50, 56-57; Ford Found. fcls, 54, 56-57, 58-63. V-pres, Hungarian Cmt. Price Fixing, Hungary, 36-39; pres, Price Control Bd., 38-39; head dept. Prime Minister's Off., 38-40. V-pres, Hungarian Statist. Soc. & Hungarian Inst. Labor Res. Commandeur, Order du Merite Agricole, France, 39. Am. Econ. Assn.; Economist, Soc. Am. Acad. Polit. & Soc. Sci.; Asn. Comp. Econ.; Royal Econ. Soc.; Int. Inst. Pub. Finance; assoc. Int. Inst. Sociol. Comparative economic systems; history of economic thought. Publ: Philosophy and economics, 2 vols, Gustav Fischer, Jena, 23, 26; Economic philosophy of the Twentieth Century, Gustav Fischer, Stuttgart, 67. Address: Dept. of Economics, Northern Illinois University, DeKalb, Ill. 60115.
- SURI, PROF. SURINDAR SINGH. Political Philosophy, Sociology of World Politics. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- SURKAN, DR. ALVIN J (JOHN). Geophysics, Mathematics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- SUSSEX, DR. JAMES N (ELL). Psychiatry. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. psychiat. sch. med. Miami (Fla), 68- Address: Jackson Memorial Hospital, Miami, Fla. 33136.
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- SWEARINGEN, DR. EUGENE L (AUREL). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Pres. & chief exec. officer, Nat. Bank Tulsa, 68- Address: 2650 E. 66th St, Tulsa, Okla. 74105.
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- SWEET, DR. DAVID C. b. Rochester, N.Y., May 16, 39; m. 65; c. 2. ECONOMIC GEOGRAPHY, REGIONAL ECONOMICS. B.A. Rochester, 61; M.A. North Carolina, 63; Ph.D. Ohio State, 70. Teaching asst. geog, North Carolina, 61-63, instr. bur. correspondence, 62-63; regional economist, manpower & regional econ. div, BATTELLE-COLUMBUS LABS, 63-67, assoc. chief, 67-68, CHIEF REGIONAL ECON. DIV., 68- Indust. Develop. Coun.; Asn. Am. Geog. Regional Sci. Asn.; Soc. Planning Off. Regional development and environmental management; development of a systematic approach to regional development; development of regional economic simulation models. Publ: Ed. Models of urban structure, Heath, 70; auth. The geographer's role in the urban planning process, Southeast. Geog. 4/69 & The systematic approach to industrial development research, Am. Indust. Develop. Coun. J. 4/70. Address: Battelle-Columbus Labs, Battelle Memorial Institute, 505 King Ave, Columbus, Ohio 43201.
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- SWIFT, PROF. MARVIN HENRY. Written Communication, Organizational Behavior. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- SWINEHART, DR. JAMES W(ASON). Social Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also co-dir. doctoral prof. behav. sci. & pub. health, 69-; School of Public Health, University of Michigan, 122 S. First St, Ann Arbor, Mich. 48108.
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TAYLOR, PROF. ROBERT. Journalism. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also V-pres, 68-, University of Wisconsin, Room 1752 Van Hise Hall, Madison, Wis. 53706.

TAYLOR, DR. RONALD NIXON, b. Fulton, Mo, Sept. 5, 38; m. 61; c. 2. INDUSTRIAL PSYCHOLOGY. B.A. Westminster Col, 60; M.A. Nebraska, Omaha, 64; Ph.D. (psychol), Minnesota, 69. Placement specialist, North. Natural Gas Co, 63-64; mgr. personnel res. Deere & Co, 66-68; RES. PSYCHOLOGIST, NORTH STAR RES. & DEVELOP. INST, 68- U.S.A. 61-63, 1st Lt. Psychol. Asn. Design and conduct of governmental and industrial psychological research in areas of managerial effectiveness, manpower utilization, psychological test development and related organizational studies. Address: North Star Research & Development Institute, 3100 38th Ave. S, Minneapolis, Minn. 55406.

TAYLOR, DR. STUART P(RESTON), b. Bronx, N.Y. May 29, 39; m. 61; c. 2. PSYCHOLOGY. B.A. City Coll. New York, 61; M.S. Massachusetts, 63, Ph.D. (psychol), 65. Res. assoc. PSYCHOL, Massachusetts, 64-66; ASST. PROF, KENT STATE, 66- Psychol. Asn. Antecedents of physical aggression; psychophysiological concomitants of behavior. Address: Dept. of Psychology, Kent State University, Kent, Ohio 44240.

TAYLOR, PROF. WALTER W(ILLARD). Anthropology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: Box 5334, Santa Fe, N.Mex. 87501.

TAYLOR, DR. WILLIAM RICHARD, b. Joliet, Ill. Sept. 22, 33; m. 57; c. 2. SOCIOLOGY. B.A. Asbury Coll, 57; M.S. Purdue, 61, Ph.D. (sociol), 66. Asst. prof. sociol, Indiana, Kokomo, 61-67; assoc. prof. sociol. & chmn. dept. sociol. & anthropol, SLIPPERY ROCK STATE COLL, 67-70, PROF. SOCIOLOG. & ASSOC. DEAN ARTS & SCI, 70- U.S.A. 54-56. Sociol. Asn. Sociological theory; sociology of science; industrial sociology. Address: Dept. of Sociology & Anthropology, Slippery Rock State College, Slippery Rock, Pa. 16057.

TAYLOR, PROF. WILLIAM R(OBERT). History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.

TEAGARDEN, DR. ERNEST MERLE. Modern & Military History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.

TEBOR, PROF. IRVING B. Social work. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also acting dean, 69-, School of Social Work, San Diego State College, San Diego, Calif. 92115.

TEDESCHI, PROF. JAMES T(HEODORE). Experimental Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. soc. psychol, 69-, United States International University, 8655 E. Pomeroy Rd, San Diego, Calif. 92124.

TEDFORD, DR. WILLIAM HOWARD, JR. b. Charlotte, N.C. May 26, 36; m. 60. EXPERIMENTAL PSYCHOLOGY. B.S. Davidson Coll, 58; M.S. Nevada, 63; M.A. Emory, 66, Ph.D. (psychol), 67. Instr. physics, Southern Methodist, 63-64; asst. prof. PSYCHOL, Oberlin Coll, 67-69; SOUTHERN METHODIST, 69-70, ASSOC. PROF, 70- Ord. C., 58-61, 1st Lt. Psychol. Asn. Asn. Physics Teachers; Arhiv. Asn. Psychological learning theory; psychological acoustics; visual illusions; short-term memory; transposition phenomena. Publ: Co-auth, Tactual and visual illusions in the T-shaped figure, J. Exp. Psychol, 81: 199-200 & Comparison of physics to psychology majors at a small liberal-arts college, Am. J. Physics, 38: 269-270; auth, Effect of delayed punishment upon choice behavior in the white rat, J. Comp. & Physiol. Psychol, 68: 678-679. Address: Dept. of Psychology, Southern Methodist University, Dallas, Tex. 75222.

TEEL, PROF. KENNETH S(TREIB). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. manpower mgmt, sch. bus. admin, Calif. State Col, Long Beach, 69- Address: 6511 Driscoll St, Long Beach, Calif. 90815.

TEELE, DR. JAMES EDWARD. Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. sociol, 69-, Dept. of Maternal & Child Health, School of Public Health, Harvard University, Boston, Mass. 02115.

TEEVAN, PROF. RICHARD C(OLLIER). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. & chmn, 69-, Dept. of Psychology, State University of New York at Albany, 1400 Washington Ave, Albany, N.Y. 12203.

TEICHER, PROF. WARREN H(ARDING). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Dir, 69-, Institute for Research in Psychobiology, American Institutes for Research, 8555 Sixteenth St, Silver Spring, Md. 20910.

TEIGLAND, DR. JOHN J(AV). Psychology, Education. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, 69-, Dept. of Education, North Dakota State University, Fargo, N.Dak. 58102.

TELLER, DR. DAVIDA Y(OUNG). Vision, Psychology. See Suppl. V to 11th ed, Phys. & Biol. Vols.

TELLER, PROF. JAMES D(AVID). Educational Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Education, University of Dallas, Irving, Tex. 75060.

TELLEW, PROF. FUAD H(ANNA), b. Baghdad, Iraq, Jan. 23, 27; U.S. citizen; m. 53; c. 2. ECONOMICS, ECONOMIC DEVELOPMENT. B.S. Col. Commerce & Econ, Baghdad, 50; M.A. Southern California, 54, Ph.D. (econ), 59. Clerk estimating sect, Eng. Dept, Iraqi State Railways, 44-49, sr. clerk acct.

sect, 50-51; asst. ECON, Southern California, 57-58, lectr, 59-60; asst. prof, CALIF. STATE POLYTECH. COL, SAN LUIS OBISPO, 60-64, assoc. prof, 65-67, PROF. 68-, ACTING HEAD DEPT, 70-. Vis. res. fel, California, Berkeley, 67-68. Team mem, Calif. State Coll. Ind. Study Proj. to Pakistan, U.S. Dept. Health, Ed. & Welfare, summer 65. Econ. Asn. Middle East and North African economic development; joint foreign-local enterprise as a possible aid for economic development of the less developed countries; popular government, political stability and economic development in the less developed countries. Address: Dept. of Economics, School of Business & Social Sciences, California State Polytechnic College, San Luis Obispo, Calif. 93401.

TELTSCHER, DR. HERRY O, b. Vienna, Austria, Nov. 11, 10; U.S. citizen; m. 62; c. 3. CLINICAL PSYCHOLOGY. M.A. New Sch. Soc. Res, 54; Ph.D. (psychol), Yeshiva, 64. Consult. Off. Strategic Serv, 40-41; res. Asst. projective techniques, Essex County Overbrook Hosp, Cedar Grove, N.J., 49-54; lectr. psychiat, Wayne State, 55; res. asst. neuropsychiat, Lincoln Hosp, New York, 57-59; DIR. SUPV. MORTON PRINCE CLIN. HYPNOTHERAPY, 64- Mil. Intel, U.S.A. 42-45, Sgt. Psychol. Asn; Sociol. Asn; fel. Soc. Clin. & Exp. Hypnosis. Development of grapho-diagnosis, the evaluation of physical, emotional and mental disturbances from handwriting specimens; research into, and application of hypnotherapy. Publ: Handwriting, a sourcebook of grapho-diagnosis, Hawthorn, 70; co-auth, Neuropsychiatry and grapho-diagnosis in Parkinson research, Acta Psychiat. Neurol. Scandinavica, 61; auth, Grapho-diagnosis, J. Am. Soc. Psychosomatic Dentistry & Med, 66. Address: 165 E. 80th St, New York, N.Y. 10021.

TEMPLER, DR. DONALD I, b. Chicago, Ill. Aug. 26, 38. PHYSIOLOGICAL & CLINICAL PSYCHOLOGY. A.B. Ohio, 60; M.A. Bowling Green State, 61; Ph.D. (psychol), Kentucky, 67. Dir. dept. psychol, West. State Hosp, Hopkinsville, Ky, 65-67; asst. prof. psychol, Western Kentucky, 67-68. FEL. NEUROPSYCHOL, WASHINGTON (ST. LOUIS) & JEFFERSON BARRACKS VET. ADMIN. HOSP, 68- Consult, Paduch Regional Ment. Health Center, 65-67; South. Ky. Regional Ment. Health Center, 67-68; Mammoth Cave Regional Ment. Health Center, 67-68. Psychol. Asn. Soc. Psychophysiol. Res. Intracranial electrical stimulation; memory; dread anxiety; academic achievement. Address: Dept. of Psychology, Washington University, St. Louis, Mo. 63130.

TEMPLIN, PROF. MILTRED C, b. Milwaukee, Wis, Oct. 30, 13. CHILD PSYCHOLOGY, SPEECH PATHOLOGY. B.A. Wisconsin, 36; M.A. Minnesota, 36, Ph.D. (child psychol), 47; Columbia, 39-40. Asst. speech, Wisconsin, 36; speech clin, Purdue, 36-37, instr. 37-39; speech correction teacher, pub. sch, Wis, 40-43; asst. CHILD PSYCHOL, MINNESOTA, MINNEAPOLIS, 43-44, instr. 44-47, asst. prof. 47-51, assoc. prof. 51-58, PROF, 58- Consult, U.S. Off. Ed. res, 58-67; mem. speech, lang. & hearing cmt. & consult, Nat. Inst. Neurol. Diseases & Blindness res. proj, 63-70. Speech & Hearing Asn. (res. proj), Soc. Child Develop. (ed. Manag. Ctr. Res. Child Develop, 64-70). Reasoning of deaf children; longitudinal development of articulation and relation to other factors; replication of studies over time. Publ: Certain language skills: their development and interrelationships, 57, Univ. Minn; co-auth, Templin-Darley tests of articulation, Univ. Iowa, 63; auth, Vocabulary problems of the deaf child, Int. Audiol, 5: 349-354. Address: Institute of Child Development, University of Minnesota, Minneapolis, Minn. 55455.

TERCHEK, DR. RONALD J(OHN). Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Managing the test about treaty, Nijhoff, Hague, 69. Address: Dept. of Government & Politics, University of Maryland, College Park, Md. 20742.

TERMAN, DR. MICHAEL, b. New York, N.Y. Nov. 13, 43; m. 66. PSYCHOLOGY. A.B. Columbia Coll, 64; Sc.M. Brown, 66, Ph.D. (psychol), 68. ASST. PSYCHOL, UNIVERSITY OF MINN, 68-69; NORTHEASTERN, 69- U.S. Pub. Health Serv. grants, 68-69. AAAS; Psychonomic Soc; Psychol. Asn. (young psychologist award, 69). Operant conditioning; stimulus control; comparative psychophysics; electrical brain stimulation; learning. Publ: Co-auth, Some temporal properties of intracranial self-stimulation, Physiol. & Behav, 2/70; auth, Discrimination of auditory intensities by rats, J. Exp. Anal. Behav, 3/70; co-auth, Circadian rhythm of brain self-stimulation behavior, Science, 6/70. Address: Dept. of Psychology, Northeastern University, Boston, Mass. 02115.

TERRY, DR. EDWIN FRANKLIN. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-, Dept. of Economics, Fresno State College, Fresno, Calif. 93726.

TERRY, DR. ROGER LYON, b. Danbury, Conn. Apr. 4, 40; m. 60; c. 1. SOCIAL PSYCHOLOGY. A.B. Yale, 62; M.S. Auburn, 64; Ph.D. (psychol), Missouri-Columbia, 68. Teaching asst. psychol, 68-69. Assoc. prof. sociol. psychol, Cent. Res. in Social Behav, Missouri, 66-68; ASST. PROF. PSYCHOL, HANOVER COL, 68- Survey research of the teacher role in English speaking countries; cross-cultural research; experimental research on cognitive organization and attitude change. Publ: Co-auth, Symposium on teacher role in four English speaking countries: data gathering, Catts. Ed. Rev, 2/70 & Anxiety induced by contact lenses and framed spectacles, J. Am. Optometric Assn, 3/70. Address: Dept. of Psychology, Hanover College, Hanover, Ind. 47243.

TERRY, PROF. RICHARD A(LLAN). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. & head, 60-, Dept. of Psychology, University of Tulsa, 600 S. College, Tulsa, Okla. 74104.

TESSER, DR. ABRAHAM, b. New York, N.Y. May 24, 41; m. 66; c. 1. SOCIAL PSYCHOLOGY. B.A. Long Island, 62; M.S. Purdue, 65, Ph.D. (psychol), 67. ASST. PROF. SOC. PSYCHOL, GEORGIA, 67- AAAS; Psychol. Asn. Interpersonal perception and attraction; attitude theory and change. Publ: Co-auth, Psychological testing through looking glass of youth, Am. Psychologist, 68, Some determinants of gratitude, J. Personality & Soc. Psychol, 68 & On reluctance to communicate undesirable information: the mum effect, Sociometry, 70. Address: Dept. of Psychology, University of Georgia, Athens, Ga. 30601.



TEYLER, DR. TIMOTHY J(AMES). Physiological Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.

THACH, DR. JOHN S, JR, b. San Diego, Calif, Sept. 22, 34; m. 54; c. 3. PSYCHOLOGY. A.B. George Washington, 57, M.A. 60; Nat. Inst. Ment. Health fel, Maryland, 60-63, Ph.D.(exp. & soc. psychol), 66. Exp. & physiol. psychologists, Walter Army Inst. Res, 57-60; teaching asst, Maryland, 61-63; HEAD PSYCHOLOGIST, BR. NAVAL AEROSPACE MED. INST., 63-65. Res. assoc, Human Sci. Res. Inst, Arlington, Va., 62. U.S.N.R. 52-60. A.A.S.: Psychol. Assn. Circadian periodicity; schedules of reinforcement; effects of isolation; behavioral and biological control systems; psychoneuroendocrinology. Publ: Co-auth. Quantitative relations between avoidance behavior and pituitary adrenal cortical activity in rhesus monkey, J. Exp. Anal. Behav, 62 & Behavioral responses of unrestrained normal and labyrinthic mized squirrel monkeys to repeated zero-gravity parabolic flights, Aerospace Med, 68; auth, Circadian periodicity and bigeminy patterning of three consummatory behaviors, In: Circadian rhythms in nonhuman primates, Karger, 69. Address: Psychophysiology Dept, Naval Aerospace Medical Institute, Bldg. 625B, Pensacola, Fla. 32512.

THADEN, PROF. J(OHN) F(REDERICK). Sociology. See 11th ed, Soc. & Behav. Vols, deceased 68.

THALBERG, DR. STANTON PHILIP, b. New Haven, Conn, Feb. 29, 32; m. 53; c. 3. EDUCATIONAL PSYCHOLOGY. B.A. Iowa, 57, M.A. 59, Ph.D.(ed). 64. Instr, remedial reading clin, Iowa, 57-59, asst. prof. ed. & rhetoric, 61-65; ed. & psychol, Humboldt State Col, 59-61; ed. psychol, Washington (Seattle), 65-67; dir. regional reading center, Northshore Schs, 67-69; ASSOC. PROF. ED, PSYCHOL, WASHINGTON (SEATTLE), 69- Consult, W. Seattle Community Ment. Health Agency & Highline Community Ment. Health Agency, 69-70. Mem, Nat. Adv. Cmt. Early Childh. Ed. & Stat. Adv. Cmt. Reading, 69-70. U.S.A.F. 52-57. Psychol. Assn; Ed. Res. Assn. Reading dysfunction; relationship between emotional distress and educational underachievement; community mental health in preventing asocial-antisocial or disruptive behavior. Publ: Co-auth. Comparison of two methods of teaching reading, In: Twelfth yearbook, Nat. Reading Conf, 62; auth, Reading rate and immediate versus delayed recall, J. Ed. Psychol, 12/67 & Psycho-educational therapy with dysfunctioning rdrs, Wash. State Res. Bull, 4/69. Address: Dept. of Educational Psychology, University of Washington, Seattle, Wash. 98105.

THARP, PROF. ROLAND GEORGE. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. psychology, Hawaii, 68- Address: 1634 Makiki Apt. 204, Honolulu, Hawaii 96822.

THAYER, PROF. CLARENCE R(ICHMOND). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Teacher of psychol, acad. center, Cleveland State, 70- Address: c/o Euclid Senior High School, Cleveland, Ohio 44123.

THAYER, DR. JEROME DEAN, b. Minneapolis, Minn, Nov. 14, 39; m. 62; c. 1. PSYCHOLOGY, EDUCATION. B.S. Union Col, 61; M.A. Nebraska, 64; Ph.D. (ed. measurement & res), Colo. State Col, 66. Teacher, Campion Acad, 62-65. ASST. PROF. ED, PSYCHOL, UNION COL (NEBR), 66-68. Res. Assn. College students attitudes and values. Publ: Co-auth. American college student values: preliminary reports of a nationwide survey, Colo. J. Ed. Res, fall 68. Address: Dept. of Education & Psychology, Union College, Lincoln, Nebr. 68506.

THAYER, DR. NATHANIEL B(OWMAN). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Consult, 69-, Cerro Corp, 300 Park Ave, New York, N.Y. 10022.

THEEN, DR. ROLF HEINZ WILHELM, b. Städtgen, Germany, Feb. 20, 37; U.S. citizen; m. 59. POLITICAL SCIENCE. B.A. Manchester Col, 59; M.A. Indiana, Bloomington, 62, Ph.D.(polit. sci), 64. Asst. prof. GOVT, IOWA STATE, 64-68, ASSOC. PROF, 68- Inter-Union Cmt. travel grant, 67-68; Am. Philos. Soc. fel, summer 65. Polit. Sci. Assn; Adv. Slavic Studies; Acad. Polit. & Soc. Sci. Russian political thought, nineteenth century to present. Publ: Ed. & transl, Leninism, the early years of Lenin, Univ. Michigan, 68; The political thought of P.N. Tschew in the 1860's: from reform to revolution & The Russian Blanquists and the Hague Congress, Can. Slavic Studies, summer 69. Address: Dept. of Political Science, Iowa State University, Ames, Iowa 50010.

THEMO, DR. ELAINE MARIE, b. West Newton, Mass, Mar. 21, 38. SOCIOLOGY. B.A. Mt. Holyoke Col, 60; M.A. North Carolina, 62; Ph.D.(Latin Am. area studies), American Univ, 69. Res. asst, inst. comp. study polit. systs, Opers. & Policy Res, Inc, D.C. 63; res. assoc. area studies, spec. opers. res. off, For. Areas Studies Div, 64-66; ASST. PROF. SOCIOLOG, COL. WILLIAM & MARY, 66- Social. Assn. Sociology of developing countries: stratification. Publ: Co-auth. Area handbook for Indonesia, 64. Area handbook for Malaya and Singapore, 65. Area handbook for the Dominican Republic, 66, Govt. Printing Off. Address: Dept. of Sociology, College of William & Mary, Williamsburg, Va. 23185.

THEODORE, DR. ATHENA (RENTOMIS). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also dir. community affairs group, Simmons Col, 69- Address: 27 Turning Mill Rd, Lexington, Mass. 02173.

THEODORE, DR. EUSTACE D, b. Marietta, Ohio, Aug. 4, 41; m. 64; c. 1. SOCIOLOGY. B.A. Yale, 63; M.A. Cornell, 65, Owen Young fel, 67, Ph.D. (org. behav. sociol), 67. ASST. PROF. SOCIOLOG, HOLLIS COL, 67-68. CHMN. DEPT. 70- Indust. consult, 65- Problems of organization growth and change; relationship between task experience and individual orientation; individual and organization response to social change. Address: Dept. of Sociology, Hollins College, Va. 24002.

THEODORIDES, DR. ANGELOS. Economics, Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Econ. adv. An. Consultate, Pakistan, U.S. Agency Int. Develop, 69- Address: Lahore (GD), Dept. of State, Washington, D.C. 20521.

THIERAUF, DR. ROBERT J, b. Covington, Ky, July 25, 33. OPERATIONS RESEARCH. B.S.B.A., Xavier (Ohio), 58, M.B.A. 60; Ph.D.(mgmt), Ohio State, 66. Pub. acts. Bryand, Rd. Montgomery, 58-60, mgmt. consult, 60-63; ASST. PROF. OPERS. RES. & DATA PROCESSING, XAVIER (OHIO), 65-, CHMN. DEPT. MGT. & INDUST. REIS, 68- U.S.A. 53-55. Inst. Cert. Pub. Act; Inst. Mgt. Sci; Acad. Mgt; Inst. Decision Sci. Operations research; electronic data processing; management; accounting. Publ: Decision making through operations research, 70 & Business data processing, (in prep), Wiley. Address: Dept. of Management and Industrial Relations, Xavier University, Cincinnati, Ohio 45207.

THOENY, MAJ. ALAN ROBERT, U.S.A.F. b. Winona, Minn, Feb. 3, 35; m. 61; c. 3. POLITICAL SCIENCE. B.S. U.S. Naval Acad, 57; M.S. Wisconsin, 63, Ph.D.(polit. sci), 68. U.S. AIR FORCE, 57-, instr. POLIT. SCI, U.S. AIR FORCE ACAD, 64-66, asst. prof, 66-68, ASSOC. PROF, 68- Polit. Sci. Assn; Int. Studies Assn. International politics, especially impact of the press on foreign policy process; methodology, especially techniques of simulation and content analysis. Publ: International political news: a statement analysis, Rocky Mt. Soc. Sci. J, 10/70. Address: Dept. of Political Science, U.S. Air Force Academy, Colorado Springs, Colo. 80840.

THOM, DR. DERRICK J, b. Wallsend, Eng, Nov. 22, 37; U.S. citizen; m. 62; c. 2. GEOGRAPHY. B.A. Utah, 63, M.A. 65; Ph.D.(geog), Mich. State, 70; ASST. PROF. GEOG, UTAH STATE, 60- Assn. Am. Geog; African Studies Assn; American Studies Assn; U.K. Politics; geography; population and settlement; Africa. Address: Dept. of Geography, Utah State University, Logan, Utah 84321.

THOMAN, DR. ROY EDWARD, b. Evansville, Ind, Mar. 11, 38; m. 67; c. 1. POLITICAL SCIENCE. B.A. Evansville, 60; scholar & M.A. Indiana, 64; Ky. Res. Found. fel, Kentucky, 64-65; Hargis fel, 65-66; William Patterson fel, 66-67, univ. fel. & Ph.D.(diplomacy), 67. ASST. PROF. GOVT, WEST TEXAS STATE, 68- Mid. East. Inst; Polit. Sci. Assn. Governments and politics in the Middle East and Africa; Soviet political system; communism and totalitarianism; international relations; comparative politics. Publ: Aden and South Arabia, Current Hist, 1/70. Address: Box 725, Dept. of Government, West Texas State University, Canyon, Tex. 79015.

THOMAS, CHARLES LEO, b. St. Louis, Mo, Mar. 9, 40; m. 63; c. 1. EDUCATIONAL PSYCHOLOGY. B.A. Harris Teachers Col, 63; M.A. St. Louis, 66; Stripes fel, Hopkins, 66-68. Teacher elem. sch, Mo, 63-66; prof. prof. Proj. Mission, Baltimore, Md, 66-67; res. asst. Hopkins, 67-68; ed. psychologist, Howard, summer 68; PROJ. DIR. & LECTR, TEACHERS COL, COLUMBIA, 68- Lectr, Towson State Col, 67-68; summers, lectr, Inst. Music, 68, ed. psychol. intern, Am. Assn. Dent. Schs, 68- Ed. Res. Assn; Nat. Coun. Measurement in Ed. Access to higher education for minority group youth; human learning, particularly early learning. Publ: Transition from school to college and disadvantaged youth: review of research on admission credentials and extensiveness of programmatic efforts, In: Review of educational research, AMS Press, 69; & Effectiveness of high school grades for predicting college grades of Negro students: an exploratory study, J. Ed. Measurement, winter 69. Address: Box 102, Teachers College, Columbia University, New York, N.Y. 10027.

THOMAS, DR. CLAUDEWELL S. Psychiatry. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir. ment. health serv. progs. div, 70-, National Institute of Mental Health, 5454 Wisconsin Ave, Chevy Chase, Md. 20015.

THOMAS, DR. DARWIN L, b. Genola, Utah, Dec. 12, 33; m. 59; c. 3. SOCIOLOGY. B.A. Brigham Young, 62, M.A. 64; Nat. Inst. Ment. Health fel, Minnesota, 65-68, Ph.D.(sociol), 68. Instr. nursery sch. ed, Brigham Young, summer 62, family life ed, 64-65; Clara Elizabeth Fund for Maternal & Child Health, Flint, Mich, 62-63; ASST. PROF. SOCIOLOG, WASHINGTON STATE, 68- Nat. Sci. Found. res. grant, 69-70. Nat. Coun. Family Rel; Sociol. Assn. Effect of family interaction patterns on the behavioral characteristics of the children; problems of translation in cross-cultural studies of family behavior. Publ: Co-auth. Religiosity in 5-D: a critical note, 12/69 & Secularization: a cross-national study of Catholic male adolescents, 9/70, Soc. Forces. Address: Dept. of Sociology, Washington State University, Pullman, Wash. 99163.

THOMAS, DR. DAVID J, b. Grinnell, Iowa, Dec. 8, 34. POLITICAL SCIENCE. B.A. Oberlin Col, 56; London Sch. Econ, 56-57; fela, Harvard, 57-60 & 61-62, Ph.D.(polit. sci), 68. ASST. PROF. POLIT, CALIFORNIA, SANTA CRUZ, 66- Nat. Sci. Found. fel, 67-68. Polit. Sci. Assn. Modern political and social thought; comparative European politics. Publ: Ideology-death or transfiguration, Harvard Rev, summer-fall 66. Address: Dept. of Politics, Stevenson College, University of California, Santa Cruz, Calif. 95060.

THOMAS, DR. GEORGE LLE, b. Jacksonville, Fla, July 5, 28. EXPERIMENTAL PSYCHOLOGY. B.A. Queens Col, 49; North Carolina, 49-50; M.S. Georgia, 65, Ph.D.(exp. psychol), 67. Dean research, Salem Acad, N.C. 53-55; asst. prof. PSYCHOL, GEORGIA SOUTHERN, 67-70, ASSOC. PROF, 70- Vis. asst. prof, Georgia, summer 68. Psychol. Assn. Programmed instruction and other special teaching techniques; human learning; motivation. Publ: Programmed instruction for teaching arithmetic to the fifth grade, J. Exp. Ed, Vol. 36, No. 4. Address: Dept. of Psychology, Georgia Southern College, Statesboro, Ga. 30458.

THOMAS, DR. HOBBEN, b. Oakland, Calif, May 3, 36; m. 58; c. 2. CHILD PSYCHOLOGY. B.A. California, Santa Barbara, 58, M.A. Pasadena, 59; Ph.D.(exp. psychol), Claremont Grad. Sch, 63. ASST. PROF. PSYCHOL, Fresno State Col, 63-66; PA, STATE, 66- Community ment. health consult, Calif, 64-66. Soc. Res. Child Develop; Psychonomic Soc; Psychol. Assn. Perceptual development; exploratory behavior and scaling models; child development; clinical psychology; intellectual development. Address: Dept. of Psychology, Pennsylvania State University, 513 Psychology Bldg, University Park, Pa. 16802.

THOMAS, DR. IAN BRYCE. Electrical Engineering, Psychoacoustics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.

- THOMAS, DR. JOHN RUSSELL, b. Washington, D.C. June 16, 38; m. 60; c. 3. PSYCHOLOGY. B.A. Maryland, 60, U.S. Pub. Health Serv. fel, 61-63, M.A. 62, Ph.D.(exp. psychol), 65. Res. assoc. psychopharmacol, Maryland, 62-64; psychol. Inst. Behav. Res, 64-67, prin. investr, 67-68; ASST. PROF. PSYCHIATR, CHICAGO, 68- AAAS; Psychol. Asn. Experimental analysis of behavior; behavior theory; psychopharmacology. Publ: Differential effects to two phenothiazines on chain and tandem schedule performance, *J. Pharmacol. & Exp. Therapeut.*, 66; Fixed ratio punishment by time out of concurrent variable-interval behavior, *J. Exp. Anal. Behav.*, 68; Behavioral maintenance by conditioned reinforcement in the signaled absence of primary reinforcement, In: *Conditioned reinforcement*, Dorsey, 69. Address: Dept. of Psychiatry, University of Chicago, Chicago, Ill. 60637.
- THOMAS, PROF. MORGAN D. Economic Geography. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also assoc. dean, 69-, Graduate School, University of Washington, Seattle, Wash. 98105.
- THOMAS, PROF. RAYMOND D(OTY). Economics, Public Finance. See 11th ed, Soc. & Behav. Vols, deceased 68.
- THOMASON, DR. RICHMOND HUNT. Philosophy, Mathematics. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
- THOMPSON, ALLEN B(RADFORD). Statistics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Independent consult. actuary, 69- Address: 9 Highwood Way, Larchmont, N.Y. 10538.
- THOMPSON, DAVID LEE, b. St. Paul, Minn. Nov. 29, 33; m. 56; c. 4. INDUSTRIAL RELATIONS. B.A. Minnesota, 57. Res. analyst, U.S. State Dept. Employ. Security, 60, superv. occup. inst. unit, 60-61, leader automation proj., 61-63; employ. serv. ady. Bur. Employ. Security, U.S. Dept. Labor, 63-65, manpower develop. specialist, 65-66; labor economist, 66-67, spec. asst. work experience & training, 67-68, chief prog. design group, Bur. Work Training Progs, 68-69; LABOR ECONOMIST, NORTH STAR RES. & DEVELOP. INST., 69- U.S.A., 54-56. Indust. Rels. Res. Asn; Econ. Asn. Personnel & Guid. Asn; Nat. Voc. Guid. Asn; Nat. Employ. Couns. Asn. Occupational information, particularly occupational forecasting, training needs and labor market surveys; evaluation design, techniques and instruments; program design and development of project models for employment and training programs. Address: North Star Research & Development Institute, 3100 38th Ave. S, Minneapolis, Minn. 55406.
- THOMPSON, DR. DONALD L. Marketing, Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: V-pres, 69-, Slippery Rock State College, Slippery Rock, Pa. 16057.
- THOMPSON, DR. EDWARD A(LBERT). b. Avon, Conn. Mar. 17, 39; m. 63; c. 1. SOCIAL PSYCHOLOGY. B.A. Denison, 61; M.A., Delaware, 63, Ph.D. (psychol), 66. ASST. PROF. PSYCHOL, U.S. Air Force Acad, 66-68; SOUTH. CONN. STATE COL, 68- Vis. prof, Colorado, 67-68. U.S.A.F. 65-68, Capt. Psychol. Asn. Social psychology; small group research; personality; person perception; self concept; interpersonal attraction. Address: Dept. of Psychology, Southern Connecticut State College, New Haven, Conn. 06515.
- THOMPSON, DR. GERALD E(VERETT). Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof, Dept. of Economics, University of Nebraska, Lincoln, Nebr. 68502.
- THOMPSON, PROF. JOHN ELTON, b. Hetland, S.Dak. Nov. 18, 23; m. 49; c. 3. ECONOMICS. B.S. South Dakota, 50, M.S. S.Dak. State Col. 53; Ph.D.(agr. econ), Wisconsin, 60. Asst. prof. econ, S.DAK. STATE, 53-59, consult. S.Dak. Citizens Tax Cmt, State Capital, 59, assoc. prof. ECON, univ, 60, exten. economist, 60-66, PROF. & HEAD DEPT., 67- U.S.A.A.F. 45-46. Agr. Econ. Asn; Int. Asn. Agr. Econ. Public finance; public affairs; agricultural policy; economic development; business management; rural-urban balance; environmental control; recreational development. Publ: Some considerations for a South Dakota state income tax, *Ag. Exp. Sta. S.Dak. State Col.*, 59; Meeting unfilled public service needs in rural areas, *J. Farm Econ*, 63; An analysis of economic trends in the agricultural sector of the economy, *Cmt. Continuing Ed. Town & Country Pastors*, 11/64. Address: 1437 Wisconsin St, Brookings, S.Dak. 57006.
- THOMPSON, DR. JOHN H. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Res. partner, Rohrer, Hibler & Replogle, 69- Address: 3465 77th Ave. S.E., Mercer Island, Wash. 98040.
- THOMPSON, PROF. JOHN THOMAS, b. Memphis, Tenn. Jan. 22, 25; m. 47; c. 2. POLITICAL SCIENCE, LAW. B.S. Miami (Ohio), 48; LL.B., Memphis, 53; M.S. Colorado, 55; Ph.D.(polit. sci), Texas, 60. Instr. govt. Tennessee, 58-56; res. assoc. inst. pub. affairs, Texas, 56-61; assoc. prof. polit. sci., Wyoming, 61-67; PROF. GOVT. & DIR. CENTER COMMUNITY SERV., NORTH TEXAS STATE, 67- Lawyer, City Attorney's Off., Memphis, 53-56; exec. reservist, Nat. Defense Excc. Prog., 66- U.S.N. 43-46. Polit. Sci. Asn; Soc. Pub. Admin. Publ: Public administration of water resources in Texas, *Univ. Texas*, 60; Municipal finance in Wyoming, *Univ. Wyoming*, 65; Problems of Texas constitutional revision: review of 1967-68 attempt, In: *Governing Texas: documents and readings*, 69. Address: 3211 Darby Lane, Denton, Tex. 76201.
- THOMPSON, DR. JOSEPH VICTOR, b. Winnipeg, Man. June 9, 25; m. 54; c. 3. SOCIOLOGY. B.A. Manitoba, 50, B.S.W. 53; M.S.W. Washington (Seattle), 67; D.S.W. Southern California, 70. Soc. worker, *Winnipeg Juvenile & Family Court*, 51-53; Children's Aid Soc. West. Man. 53-55; King County Youth Serv. Center, 55-58; asst. superv. Bremerton Child Guid. Center, 58-61, superv. 61-63; asst. prof. soc. worker, Washington (Seattle), 63-67; ASSOC. PROF. SOCIOL., WASHINGTON STATE, 69- Group worker, Seattle Atlantic St. Center, 55-57. Med. soc. work consult. Edgeliff Tuberc. Sanitarium, 44-67; soc. work consult. Whitman County Ment. Health Center, 69-; R.C.N. 44-45. Nat. Asn. Soc. Workers; Coun. Soc. Work Ed. Professional practice in social work and its relationship to the practitioner model presented by a professional school; therapeutic intervention in families with problems of social functioning. Address: Dept. of Sociology, Washington State University, Pullman, Wash. 99163.
- THOMPSON, DR. KENNETH H. b. Sidney, Nebr. June 23, 37; m. 62. POLITICAL SCIENCE & SOCIOLOGY. B.A. St. John's Col.(Md), 60; Woodrow Wilson fel., Wisconsin, Madison, 61, M.A., 65, univ. fel. & Villas travel grant, 66, Ph.D.(polit. sci), 67. ASST. PROF. POLIT. SCI., SOUTHERN CALIFORNIA, 67- Ford Found. faculty res. fel., Canyon Crest Res. Inst., 69-70. Mem. cmt. comp. polit. behav. data arch., Inter-Univ. Consortium Polit. Res., 69- U.S.A., 61; Nat. Guard, 61-66. Polit. Sci. Asn; Int. Polit. Sci. Asn; Sociol. Asn. Comparative political behavior; social science methodology; determinants of mass political behavior; survey research; public opinion and voting behavior. Publ: A cross-national analysis of social mobility and political orientation, *Comp. Polit. Studies*, 10/70, Effect parameter analysis of cross-national voting behavior, *Sage Prfln. Papers Comp. Polit.*, 70 & Upward social mobility and politics: a re-evaluation of the evidence, *Am. Sociol. Rev.*, 70. Address: Canyon Crest Research Institute, P.O. Box 749, Big Bear Lake, Calif. 92315.
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- THOMPSON, DR. PATRICIA G. b. Athens, Tenn. Jan. 16, 41; m. 62. SOCIOLOGY. B.S. Fla. State, 61; M.S., Wisconsin, 65, Nat. Insts. Health fel., 65-67, Ph.D.(sociol), 70. Lectr. SOCIOL, California, Los Angeles, 67-69; ASST. PROF. SCRIPPS COL, 69- Sociol. Asn. Social stratification and mobility; social structures and socialization, especially learning in family and educational structures; role adjustment; social psychology; comparative sociology. Address: Dept. of Sociology, Scripps College, Claremont, Calif. 91711.
- THOMPSON, PAUL O. Psychoacoustics, Bioacoustics. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- THOMPSON, DR. ROBERT L(OUIS). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Head biopsych. prog., Hunter College, 695 Park Ave., New York, N.Y. 10021.
- THOMPSON, PROF. RUSSELL GLENWOOD. Economics, Mathematics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof, 69-, Institute of Statistics, Texas A&M University, College Station, Tex. 77843.
- THOMPSON, DR. THOMAS F. b. Worcester, Mass. Sept. 13, 16; m. 49; c. 4. POLITICAL SCIENCE. A.B. Concord Col., 49; A.M. Indiana, 51, Ph.D.(govt. & econ), 60. Placement officer, personnel dept., U.S. Dept. Navy, Wash. D.C. 49-53; instr. govt. Indiana, 56-60; asst. prof. polit. sci., Wisconsin, 60-62; Western Michigan, 62-64; assoc. prof. South Florida, 64-66; TEACHER GOVT. SOCIOL. & ED. ST. PETERSBURG JR. COL., 66- Asst. & acting dir. inst. training pub. serv., Indiana, 53-55; dir. inst. pub. affairs, Western Michigan, 63-64. Consult. cities of Lake County, Ind. 56-60. Mem. Midwest urban govt. surv. Ford Found, 56-; Kalamazoo County Planning Cmn, 66-68, charter cmm, Belleair Beach, Fla. 67. U.S.A.A.F. 42-45, 5/Sgt. Polit. Sci. Asn; Soc. Pub. Admin. Urban studies; public administration; regulation of business; normative political theory; sociology of education. Publ: Study guide for American government, Holt, 68. Address: 469 N. Harbor Dr., Indian Rocks Beach, Fla. 33535.
- THOMPSON, PROF. TRAVIS I. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof, 69-, Psychiatry Research Unit, University of Minnesota, Box 392 Mayo, Minneapolis, Minn. 55455.
- THOMPSON, PROF. WAYNE NOEL, Speech, Rhet. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama. Correction to publications: *Fundamentals of communication*, McGraw, 57; *Quantitative research in public address and communication*, Random, 67.
- THOMPSON, DR. WENDEL L(AWRENCE). Speech, Psychology. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- THOMPSON, DR. WILLARD SCOTT. International Relations. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, 69-, Fletcher School of Law & Diplomacy, Medford, Mass. 02155.
- THOMPSON, PROF. WILLIAM H. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also chmn, 68- Industrial Administration Dept., Iowa State University, 300 Carver Hall, Ames, Iowa 50010.
- THOMPSON, DR. CHARLES A(LEXANDER) H(OLMES). Political Economy. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Chmn. res. coun. 69-, Research Analysis Corp., Westgate Research Park, McLean, Va. 22101.
- THOMSON, DR. DALE C(AIRNS). Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Dir. Center Can. Studies, School of Advanced International Studies, 1740 Massachusetts Ave. N.W., Washington, D.C. 20036.
- THOMPSON, PROF. ROBERT BRUCE, b. Providence, R.I. July 28, 12; m. 44. POLITICAL SCIENCE. A.B. Harvard, 32, LL.B. 36; London Sch. Econ. 32-



- 33, Columbia, 50-53. Instr. govt. MAINE, 47-50, asst. prof. 53-60, assoc. prof. 60-68, PROF. POLIT. SCI., 68- U.S.A.A.F. 42-46, T/Sgt. Polit. Sci. Asn. Political theory; history of political philosophy; public law. Address: 15 Stevens N, University of Maine, Orono, Maine 04473.
- THORESON, DR. RICHARD WALLACE. Psychology, Counseling. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. ed, Missouri, Columbia, 69- Address: 611 Westridge, Columbia, Mo. 65201.
- THORNE, DR. B. MICHAEL, b. Shreveport, La. Sept. 7, 42; m. 64. PSYCHOLOGY. B.A., La. State, 64, M.A., 67, N.A.S.A. 67-69, Ph.D. (psychol.), 69. ASST. PROF. PSYCHOL., La. State, Baton Rouge, 69-70; MISS. STATE, 70- AAAS. Physiological and comparative psychology; brain lesions and animal behavior. Publ. Co-auth. Single animal observation versus pair observation in Macaca Irua, J. Genetic Psychol. 69 & Position reversal learning as affected by occipital, posterior thalamic, and rubral lesions in the white rat, Psychonomic Sci. 70; auth. Visual discrimination performance in rats following nucleus posterior thalami and d-mesencephalic junction damage, J. Comp. & Physiol. Psychol. 70. Address: Dept. of Psychology, Mississippi State University, State College, Miss. 39762.
- THORNE, CHARLES, b. Fairbury, Ill., Aug. 19, 05; m. 28; c. 2. SOCIOLOGY, RELIGION. S.B. Chicago, 25; B.D. Yale, 28; Columbia, N.Y. Univ., Minnesota, Michigan, Chicago, 54-68. Pastorate, Presby. Churches, Mid-West, 28-49; minister church exten. new church orgn. Presbytery St. Paul, 49-54; res. assoc. bd. ed. missiops, United Presby. Church, 54-64; DIR. RES. DEPT. CHURCH PLANNING & RES. COUN. CHURCHES CITY OF NEW YORK, 64-Mem. spec. cmn. study inner city, Presby. Church, 54-56. Assoc. Social. Asn. Church planning and research, the application of the methodology and findings of the social sciences to the evaluation of church institutions, and their adjustment to anticipated social change. Publ. Overview of Presbyterianism in Allegheny County, Pennsylvania, 4 Vols. Ed. Nat. Missions, United Presby. Church, 64; The use of counselling to secure crisis change, 65 & co-auth. Church planning for ministry and mission to Queens, N.Y.C., 69, Coun. Churches of City of New York. Address: 70 La Salle St, Apt. 17-B, New York, N.Y. 10027.
- THORNE, DR. DENNIS EUGENE. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. prof. 70-, Dept. of Psychology, Brigham Young University, Provo, Utah 84601.
- THORNER, ROBERT M. Biostatistics, Public Health. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- THORNTON, DR. GEORGE C. III, b. Dayton, Ohio, Feb. 2, 40; m. 66; c. 2. INDUSTRIAL PSYCHOLOGY. A.B. DePaul, 62; M.S. Purdue, 64 & 66, Ph.D. (indust. psychol.), 66. ASSOC. PROF. INDUST. PSYCHOL., COLORADO STATE, 66- Mgt. develop. adv. Fitzsimons Army Hosp. 69- Summers, field assessment officer, Red Cross, 67 & 68. Psychol. 67-68. Personnel analysis; personnel selection and training; leadership styles; organizational climate; psychometrics. Publ. Exercises in psychological testing, Harper, 68; The relationship between supervisory and self-appraisals of executive performance, Personnel Psychol. 68; The image of industrial psychologists among personnel administrators, J. Appl. Psychol., 69. Address: Dept. of Psychology, Colorado State University, Ft. Collins, Colo. 80521.
- THORNTON, DR. JACK EDWARDS. Business Administration. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. 69-, Virginia Commonwealth University, 820 W. Franklin St, Richmond, Va. 23220.
- THORNTON, DR. JACK WELLAND, JR. b. Portland, Ore., May 14, 33; m. 67. ECONOMICS. B.A., Blackburn Col. 60; summer, Am. Soc. Eng. Ed-NASA fel. 68; Ph.D. (agr. econ), Missouri-Columbia, 69. ASSOC. PROF. ECON., EAST CAROLINA, 65- Lectr. Chartered Property & Casualty Underwriters Econ. Seminar, 69-70. U.S.A.F. 53-57, S/Sgt. Econ. Asn. Regional economic development; quantitative economic analysis; resource use and development. Address: Dept. of Economics, Box 2767, East Carolina University, Greenville, N.C. 27834.
- THORNTON, DR. ROBERT LEE, b. Orville, Ohio, June 8, 17; m. 41; c. 4. INTERNATIONAL AFFAIRS, BUSINESS, MARKETING. B.S. Akron, 39; M.B.A. Michigan, 51, Ph.D. 69; Indust. Col. Armed Forces, 61-62. Res. assoc. Michigan, 65-67, res. prin. investr. bur. int. commerce, 68; ASST. PROF. MKT. FLA. STATE, 68- Lectr. Eastern Michigan, 68. Transportation committee, City of Flint, Mich. 67-68. U.S.A.F. 39-65, Col.(Ret). Mkt. Asn.; Asn. Ed. Int. Bus. Air line management, particularly multimpany and multinational organizations and regional political and market problems. Communist. Publ. Air line management and the innovative process, Bur. Bus. Res. Univ. Mich. 67 & International airlines and politics, a study in adaptation to changes, Bur. Int. Commerce, Univ. Mich. 70; Tourism, west from Europe, Bus. Horizons, 10/69. Address: School of Business, Florida State University, Tallahassee, Fla. 32306.
- THORNTON, DR. THOMAS PERRY, b. Pittsburgh, Pa. Mar. 4, 31; m. 53; c. 3. INTERNATIONAL AFFAIRS. A.B., Haverford Col. 50; Tubingen, 50-51; Ph.D. Hopkins, 53. Vis. lectr. German, Hopkins, 54-55; cultural affairs officer, U.S. Info. Agency, India, 55-58; analyst, U.S. Dept. Navy, 58-63; chief div. res. & anal. for South Asia, U.S. DEPT. STATE, 63-69. MEM. PLANNING & COORD. STAFF, 69- Vis. res. assoc. center int. studies, Princeton, 61-62; assoc. prof. lectr. George Washington, 64-67; prof. lectr. American Univ., 68- Wm. A. Jump Found. meritorious award for exemplary achievement pub. admin. 68. U.S.N. 53-55, Res. 55-65. Comdr. Asian Studies; Modern Lang. Asn. Asn. Teachers German. Communist. Publ. International relations; relationships among philosophy, theology and medieval German literature; Soviet policy towards the less developed countries. Publ. Co-auth. Groblanische tischzuchten, Erich Schmidt, 57; Communism and revolution & auth. Third world in Soviet perspective, Princeton Univ. 64. Address: 5064 Sedwick St. N.W., Washington, D.C. 20016.
- THORPE, PRES. MARION D. b. Durham, N.C. Sept. 25, 32; m. 56; c. 2. PSYCHOLOGY, EDUCATION. B.A. & M.A., North Carolina Central, 58; Ph.D. Mich. State, 61. From asst. to assoc. prof. psychol. chmn. intern. cmt. psychol. & dean students, North Carolina Central, 61-65; nat. asst. dir. Neighborhood Youth Corps, U.S. Dept. Labor, 65-66, leader job develop. task force, 66; asst. dir. N.C. Bd. Higher Ed. 66-67; v-pres, Central State, 67-68; PRES. ELIZABETH CITY STATE, 68- Consult. Ed. Assoc. Inc. U.S. Off. Econ. Opportunity & dyslexia & related reading probs, U.S. Off. Ed., 68-69. U.S.A.F. 52-56. Psychol. Asn. Factor analyses of academic achievement motivation. Publ. Factors accounting for intercorrelation in an inventory of academic motivation, Am. Personnel & Guid. Asn. 62 & De-segregation of North Carolina colleges and universities, fall, 1968, N.C. Bd. Higher Ed. 67; One state's program for Negro colleges, South. Ed. Review, 67. Address: Elizabeth City State University, Elizabeth City, N.C. 27809.
- THRUSH, DR. RANDOLPH STERLING, b. Columbus, Ohio, Jan. 24, 31; m. 53; c. 2. PSYCHOLOGY. B.S., Otterbein Col. 51; M.A., Bowling Green State, 52; Ph.D. (psychol.), Ohio State, 58. Lectr. psychol. & res. assoc. eng. Ohio State, 58-61; from asst. to assoc. prof. psychol. & asst. dir. counseling & testing serv. Missouri, 61-65; assoc. prof. psychol. & head dept. Va. Polytech, 65-67; ASSOC. PROF. COUNSELING & GUID. & DIR. COUNSELING CENTER, WISCONSIN, MADISON, 67- St. training consult. Vet. Admin., 61-65; voc. expert, bur. hearings & appeals, Soc. Security Admin., 65-Med.Serv. C. U.S.A. 52-54. AAAS; Psychol. Asn.; Personnel & Guid. Asn. (res. award. 59). Counseling psychology. Publ. Author approx. 100 articles and papers. Address: University of Wisconsin, 415 W. Gilman St, Madison, Wis. 53706.
- THUNBERG, DR. PENELOPE H. b. Stoneham, Mass. June 17, 18; m. 46. ECONOMICS. B.A., Brown, 40, hon. LL.D. 66; M.A., Radcliffe Col., 42, Ph.D. econ., 45. Instr. econ. Welles Col., 42-43; Mt. Holyoke Col., 43-44; asst. prof. Brown, 46-52; economist, Coun. Econ. Adv. D.C. 51-53; Cent. Intl. Agency, 54-65; CMNR, U.S. TARIFF CMN, 65- Fed. Woman's Award, 65. Am. Econ. Asn.; Can. Econ. Asn.; Econ. Hist. Asn. International economics; economic development; economics of controlled economies. Publ. The balance of interregional payments of New England, 50 & Economic development and comparative advantage (patterns of market behavior), Brown Univ.; Canadian balance of payments since 1868, Vol. XXIV, in: Studies in Income and Wealth, Nat. Bur. Econ. Res. 60. Address: U.S. Tariff Commission, Eighth and E. Sts. N.W., Washington, D.C. 20436.
- THURMAN, DR. WILLIAM GENIOLY. Pediatric Hematology, Oncology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- THUROW, DR. LESTER CARL, b. Livingston, Mont. May 7, 38. ECONOMICS. B.A., Williams Col., 60; Rhodes scholar, Oxford, 60-62, B.A., M.A., 62; Nat. 64, Harvard, 62-64, M.A. & Ph.D. (econ. 64). Staff men. Coun. Econ. Adv., 64-65; asst. prof. ECON., Harvard, 65-68, ASSOC. PROF. MASS. INST. TECH. 68- David A. Wells prize, Harvard, 67-68. Econ. Asn.; Economet. Soc. Public finance; income distribution problems. Publ. Poverty and discrimination, Brookings, 68; Disequilibrium and the marginal productivity of capital and labor, Rev. Econ. & Statist. 68/69; A fiscal policy model of the U.S., J. Current Bus. 6/69. Address: 552-252D, Massachusetts Institute of Technology, Cambridge, Mass. 02139.
- THURSBY, PROF. VINCENT V (CTOR). Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New publ. Co-auth. Contemporary political thought: Issues in scope, value and direction, Holt, 69. Address: Dept. of Government, Florida State University, Tallahassee, Fla. 32306.
- THWEATT, DR. ROGER CLAY. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Prof., Northern Arizona, 67-; psychologist, Flagstaff Psychiat. clin. 67-; psychologist, Cocoon Community Guid. Clin. 67- Address: Dept. of Psychology, Northern Arizona University, Box 5774, Flagstaff, Ariz. 86001.
- TIEDEMAN, PROF. HERMAN R. b. Dexter, Minn. Dec. 3, 03; m. 32. PSYCHOLOGY. B.Ed. Winona State Col., 27; M.A. Iowa, 35, Ph.D. (psychol.), 41. Prin. elem. sch. Zumbro Falls, Minn. 27-28; high sch. Northome, Minn. 28-29; Sch. Dist. 1, Grand Rapids, Minn. 29-31, sch. psychologist & suvr. 31-40; instr. psychol. Wis. State, Eau Claire, 41-43; PROF. PSYCHOL. & DIR. TEST SERV., ILLINOIS STATE, 46- Consult. Selection of Cand. for Nurses Training, 50-59; elem. sch. & high sch. eval. progs. Ill. Schs. 50-; test validation, Ill. Asn. Real Estate Bds. 67. U.S.N. 43-46, Lt. Psychol. Asn. Ed. Res. Asn.; Nat. Soc. Study Ed. Classification; placement; test construction and validity; learning and retention in learning; college entrance tests regarding various factors related to achievement, placement, drop-outs, student background, etc. Publ. A study in retention of classroom learning, J. Ed. Res. 3/48; chap. Growth, teaching and learning, Harper, 57; Arithmetical knowledge and information test, West. Psychol. Serv. 57. Address: Dept. of Psychology, Illinois State University, Normal, Ill. 61761.
- TIEN, DR. HSIN YUAN. Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof. sociol. & dir., 69-, Institute for Comparative Sociology, Ohio State University, 1775 S. College Rd, Columbus, Ohio 43210.
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- TINKER, PROF. IRENE (WALKER).** b. Milwaukee, Wis., Mar. 8, 27; m. 52; c. 3. POLITICAL SCIENCE. A.B., Radcliffe Col, 49; Ph.D. (contemporary polit. theory), London, 54. Res. assoc., Mod. India Proj., California, Berkeley, 54-57; Ford Found. & Am. Assn. Univ. Women fel., Indonesia, 57-59; asst. prof., Howard, 61-67; assoc. prof. & asst. provost, FED. CITY COL., 67-69; PROF. POLIT. SCI., 69. Am. Inst. Indian Studies (el.) & Howard Univ. grant, 64-65; lectr., sch. adv. int. studies, Hopkins, 66-67; sr. res. assoc., center policy res., Columbia, 69. Consult. Res. Anal. Corp, 67; Carnegie Cmn. Higher Ed, 70; Bur. Soc. Sci. Res., 70. Polit. Sci. Assn.; Asia Soc. Problems of political development in India and Indonesia, especially representative institutions both central and local; education as a vehicle for changing attitudes and political participation: United States and abroad. Publ. Co-auth, Leadership and political institutions in India, Princeton, 59; auth, Nationalism in a plural society: the case of the American South, West. Polit. Quart., 3/66 & American college's response to the underprepared student, Center Policy Res., 69. Address: 4818 Drummond Ave, Chevy Chase, Md. 20015.
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- TOLAN, SISTER PROVIDENCIA.** F.C.S.P. Sociology. See PROVIDENCIA (TOLAN), SISTER, F.C.S.P., this Suppl.
- TOLAND, PROF. WILLIAM G.** Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
- TOLCOTT, DR. MARTIN (ARNOLD).** Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Mgr. human factors dept., Serendipity, Inc., Arlington, 69. Address: 2214 Martha's Rd., Alexandria, Va. 22307.
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- TRABASSO, PROF. THOMAS. Experimental Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof., 69- Dept. of Psychology, Princeton University, Princeton, N.J. 08540.
- TRABONT, DR. JACK L, b. Monroe, Wash., Apr. 3, 34; m. SPECIAL EDUCATION. B.S., Oregon, 60, fcls. 64-67, M.S., 65, Ph.D. (ed. except. children), 68; Portland State Col., 63-64. Juvenile del. juvenile court, Lake County Circuit Court, Lakeview, Ore., 60-61; juvenile serv. worker, Linn County Juvenile Court, Albany, 61-62; MacLaren Sch. for Boys, Woodburn, 62-64; ASST. PROF. COMMUNICATIVE DISORDERS, INST. STUDY EXCEPT. CHILDREN & ADULTS, DePAUL, 67- Summer asst., Oregon, 65 & 66. U.S.A.F., 52-55. Ed. Res. Asn.; Coun. Except. Children. Values and environmental stress. Address: Institute for the Study of Exceptional Children & Adults, DePaul University, 2322 Kenmore, Chicago, Ill. 60614.
- TRAGAKIS, DR. CHRISTIE J, b. Boston, Mass., Apr. 12, 44; m. 70. CHILD PSYCHOLOGY. A.B., Brown, 66; M.A., Iowa, 68, Ph.D. (child psychol.), 69. ASST. PROF. PSYCHOL., BRITISH COLUMBIA, 69- Psychol. Asn.; Soc. Res. Child Develop. The discrimination learning of normal children; attentional, mediational and verbal factors involved in children's learning. Address: Dept. of Psychology, University of British Columbia, Vancouver 8, B.C., Can.
- TRAGER, PROF. EDITH CROWELL. Linguistics. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang., Ling. & Philol.
- TRAGER, DR. FELICIA HARBEN. Anthropology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Adj. prof. anthropol., Southern Methodist, 69-; adj. prof. behav. sci., Dallas, 69-; Am. Philos. Soc. res. grant, 69-70. Address: 4137 Purdue St., Dallas, Tex. 75225.

- TRAGER, PROF. FRANK (EWTON). Government. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: Hunt Lane, North Salem, N.Y. 10560.
- TRAMMELL, PROF. RAY. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- TRANSEAU, DR. LEON WAYNE. Computer Science, Management Science. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- TRAOIRE, DR. DIANA-MORY, b. Guinea, Jan. 15, 39. ECONOMICS. B.A., Pittsburgh, 63; M.A. 66, fel. 66-68, Ph.D.(econ). 69. Statistician, Ed. Ministry, Guinea, 63-64; prof. econ. sci. Polytech. Inst. Conakry, 66; ASST. PROF. ECON, MIDDLE TENN. STATE, 68. Econ. Assn. International trade and industrial development. Address: Route 1, Christians, Tenn. 37037.
- TRAUB, DR. ROSS (EUGENE), b. Didsburg, Alta, Jan. 1, 38; m. 58; c. 1. EDUCATION, PSYCHOLOGY. B.Ed. Alberta, 59, M.Ed. 61; M.A., Princeton, 63, D.Phil.(psychol). 64. Asst. prof. psychol, McGill, 64-66; MEASUREMENT & EVAL. ONT. INST. STUDIES IN ED, 66-68, ASSOC. PROF, 68-69. Ed. Res. Assn; Nat. Coun. Measurement in Ed; Psychomet. Assn; Can. Psychol. Assn. Psychological test theory and application; human abilities; educational measurement and evaluation; programmed learning; university admissions testing. Publ: Importance of problem heterogeneity to programmed instruction, J. Ed. Psychol, 66; co-auth, Effects of promised reward and threatened penalty on performance of a multiple-choice vocabulary test, Ed. & Psychol. Measurement, 69; auth, A factor analysis of programmed learning and ability measures, Can. J. Behav. Sci, 70. Address: Dept. of Measurement & Evaluation, Ontario Institute for Studies in Education, 102 Bloor St. W, Toronto 5, Ont, Can.
- TRAVLAND, DR. DAVID ARNOLD. Clinical Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Supvr. res. unit, 69-, University Research Corp, 4301 Connecticut Ave. N.W, Washington, D.C. 20008.
- TRAWEEK, DR. MELVIN WINSTON. Educational Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Counseling psychologist, 69-, Psychology Service, Veterans Administration Hospital, Tuscaloosa, Ala. 35401.
- TRAYLOR, PROF. ELWOOD BRENT, b. St. Louis, Mo, June 29, 27; m. 47; c. 4. EDUCATIONAL PSYCHOLOGY. A.B. Greenville Col, 48; M.A. Washington (St. Louis), 51, Ed.D.(ed. psychol), 66. Asst. prof. ed. & psychol, Centenary Col, 56-59; assoc. prof. Hendrix Col, 59-61; assoc. prof. psychol. & dir. testing, McMurry Col, 61-67; assoc. prof. Ed. PSYCHOL, WICHITA STATE, 67-69, PROF, 69-, CHMN. DEPT, 67- U.S. Off. Ed. grant, 68-69; Wichita State grant, 69-70. Consult. & researcher, aviation ed. progs, Cessna Aircraft Co, 67-68, consult. & res. dir, Aviation Ed, 69-70, consult, Wichita Pub. Schs. Growth & Develop. Prog, summer 69. U.S.C.G. 45-46. Ed. Res. Assn; Psychol. Assn. The study of social system variables on decision making behavior. Address: 2701 N. Pershing Court, Wichita, Kans. 67220.
- TRAYLOR, PROF. HARLON DWAIN. Agricultural Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof, 68-, Dept. of Agricultural Economics, Louisiana State University, Baton Rouge, La. 70803.
- TREADWAY, DR. ROY CLAY. Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Vis. assoc. prof, 69-, Institute of Population Studies, Hacettepe University, Ankara, Turkey.
- TREBACH, DR. ARNOLD S(HEPARD). Constitutional Law. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Chmn. bd. dirs, Univ. Res. Corp, 69-. Address: 7 Carderock Court, Bethesda, Md. 20034.
- TREGANZA, PROF. ADAN EDUARDO. Anthropology, Geography. See 11th ed, Soc. & Behav. Vols, deceased 68.
- TREMBLY, DR. W. AGIB. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Independent consult. Address: P.O. Box 578, Crystal Bay, Nev. 89402.
- TREMEL, DR. JEROME (GEORGE). Mathematics, Education. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- TRENT, DR. JIMMIE DOUGLAS. Speech. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- TREON, DR. MARTIN A., b. St. Paul, Minn, Feb. 11, 37; m. 59; c. 3. SPEECH PATHOLOGY. B.S. Minnesota, 59; M.A. Stanford, 61; Ph.D.(speech path), California, Los Angeles, 67. Speech pathologist, Crippled Children's Soc, Los Angeles, 60-67; instr. SPEECH PATH, Calif. State Col. Long Beach, 66-67; ASST. PROF, CALIF. STATE COL. FULLERTON, 67- Nat. Guard, 54-61. Speech & Hearing Assn. Speech sound perception; cleft palate speech; communication. Address: 4352 Wintersweet Way, Irvine, Calif. 92664.
- TRESSELT, DR. M(ARGARET) E(LIZABETH). Psychology. See 11th ed, Soc. & Behav. Vols, deceased 70.
- TRETIKAK, DANIEL, b. Brooklyn, N.Y., Apr. 11, 37; m. 64. POLITICAL SCIENCE. B.A. Arizona, 58, M.A. 59, M.A. Harvard, 61; Hong Kong, 62-63; Fulbright Yangtze fel, Stanford, 67-68. Acting asst. ed, Far East. Econ. Rev, Hong Kong, 64; SR. POLIT. SCIENTIST, ADV. STUDIES GROUP, WESTINGHOUSE ELEC. CORP, 68- Consult, Rand Corp, 65-68; Stanford Res. Inst, 67-69. Assn. Asian Studies; Polit. Sci. Assn. International relations and comparative politics, with especial reference to the Communist system, particularly Chinese, Cuban and Soviet politics. Publ: Co-auth, Cuba's integration into the Communist system, 1962-1966: a preliminary assessment, In: The world Communist system—international and comparative studies, Bobbs, 69; auth, Political assassinations in China: 1800-1968, Nat. Cm. Causes & Prevention of Violence, 69; Shifts in Chinese attention to and support of national liberation movements in Southeast Asia, 1966-1969, Current Scene, 11/1/69. Address: Advanced Studies Group, Westinghouse Electric Corp, 235 Wyman St, Waltham, Mass. 02154.
- TRIESCHMANN, DR. GEORGE V, b. Lake Providence, La, Aug. 31, 32; m. 55; c. 2. PSYCHOLOGY. B.S. Tulane, 54, B.Arch, 61; M.S. Utah, 67, Ph.D. (psychol), 69. ASST. PROF. ENVIRON. SYSTS, VA. POLYTECH, 68- Consult, Catholic Univ, 69; Nat. Inst. Ment. Health, 69- U.S.N.A.F. 54-57, 62-65, Lt. Comdr. AAAS; World Future Soc. Behavioral factors in environmental design; experimental community design; indirect sensing methods. Publ: Behavioral criteria in building design, Archit. Psychol, 6/67; Pattern and behavior in constructed environment, Ekistics, 6/68; Human factors in environmental research, In: Campus Plan II, Virginia Polytech. Inst. (in press). Address: Virginia Polytechnic Institute College of Architecture, Blacksburg, Va. 24061.
- TRIFFIN, PROF. ROBERT. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: Master's Office, Berkeley College, 403A Yale Station, New Haven, Conn. 06520.
- TRIGGER, PROF. BRUCE GRAHAM. Anthropology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. anthrop, Dept. of Sociology & Anthropology, McGill University, Montreal, Que, Can.
- TRINER, DR. EDWIN G(BORGE). Social Psychology, Aeronautical Engineering. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: ASST. Dir, 69-, Center for Management Studies Analyses, College of Business Administration, University of Houston, Houston, Tex. 77004.
- TRINKNER, CHARLES L(EO). Social Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New Publ: Teaching for better use of libraries, Shos String, 69. Address: Pensacola Junior College, Library Services, 2026 Peacock Dr, Pensacola, Fla. 32504.
- TRIOLO, DR. VICTOR (ANTHONY). Cancer, History of Science. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- TRIONE, DR. VERDUN, b. Berkeley, Calif, m. 48; c. 1. EDUCATIONAL PSYCHOLOGY. B.A. Roosevelt, 47, Il. Inst. Tech, 49-50; M.A. DePaul, 50; Ed.D.(ed. psychol), California, Berkeley, 65. Dir. res, Clark Co. Schs, Nev. 62-66; ASSOC. PROF. COUNSR. ED. & COORDINATOR DEPT, NEVADA, LAS VEGAS, 66- Grant, 69-71. Consult, Elem. & Sec. Ed. Act prog, Clark County, 66-69; U.S. Off. Econ. Opportunity Mexican Migrant prog, Laredo, Tex, 69; Elem. & Sec. Ed. Act prog, Newport Beach Schs, Calif, 69-70. Mem, Elem. & Sec. Ed. Act Adv. Coun, Nev. 68-71. Adj.Gen.C. U.S.A. 44-46. Psychol. Assn. Student personnel service education; behavioral research; effect of consultants with teachers; student behavior and teacher behavior; effect of drug abuse; effect of counselors on school status and students; community socio-economic structures. Publ: Co-auth, Systems manual for implementing school programs, Nev. State Dept. of Ed; Role of school psychologist in the community school, In: School psychological services, Prentice-Hall, 67; auth, School psychology, teacher change and fourth grade reading achievement, Calif. J. Ed. Res, 67. Address: Dept. Counselor Education, University of Nevada, Las Vegas, Nev. 89109.
- TRITES, DR. DAVID (KEIGHTLEY). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Chief hosp. & health care facilities br, 70-, National Center for Health Services Research & Development, 5600 Fishers Lane, Rockville, Md. 20852.
- TRITES, DR. RONALD L, b. Quesnel, B.C. June 23, 36; m. 58. PSYCHOLOGY, NEUROLOGY. B.Ed. Gonzaga, 56; M.A. Ottawa, 63, Ph.D.(clin. psychol), 65. Psychologist, Ottawa Civic Hosp, 61-64; head dept. psychol, St. Patrick's Col.(Ont), 64-67; Ont. Ment. Health traveling fel. neuropsychol, Wisconsin, Madison, 67-69; DIR. NEUROPSYCHOL. LAB, ROYAL OTTAWA HOSP, 69-; ASST. PROF, DEPT. PSYCHOPHYSIOL. & LECTR, DEPT. PSYCHIAT. FACULTY MED, OTTAWA, 69- AAAS; Am. Acad. Neurol; Can. Psychol. Assn. Visual perception and visual postural deficits in patients with central nervous system disease; effects of drugs on behavior; recovery of adaptive functions following cerebral insult. Publ: Response sets on the rod-and-frame test in neurologically impaired subjects, Perceptual & Motor Skills, 69; co-auth, Psychologic test findings in the F-form of acro-pectoral-vertebral dysplasia: the E syndrome, Nat. Found, 69 & Evaluation of memory functions with intracarotid sodium amytal, Am. Neurol. Assn. 69. Address: Neuropsychology Lab, Royal Ottawa Hospital, 1145 Carling Ave, Ottawa, Ont, Can.
- TROCK, DR. WARREN LEIGH, b. Pratt, Kans, June 30, 26; m. 49; c. 3. ECONOMICS, AGRICULTURAL ECONOMICS. B.S. Kansas State, 50, M.S. 56; Ph.D.(agr. econ), Montana State, 66. Instr. agr. econ. Kansas State, 56-57; exten. economist, Montana State, 57-61, asst. prof. AGR. ECON, 53-64; TEXAS A&M, 64-68, ASSOC. PROF, 68- U.S.A. 44-46, 50-51. Agr. Econ. Assn; Water Resources Assn. Economics of natural resource development and use; resource development and economic growth; resource use and quality of the environment. Publ: Institutional factors and the Texas water plan, Proc. 71st Annual Meeting, Am. Water Resources Assn, 10/69; Institutional factors affecting land and water development, Water Resources Research, Am. Geophys. Union, 12/69. Address: Dept. of Agricultural Economics, Texas A&M University, College Station, Texas 77843.
- TROJAN, DR. DAVID JOHN, b. Chicago, Ill, Feb. 2, 33; m. 61; c. 6. SOCIOLOGY. B.A. Mo. Valley Col, 55; M.A. Chicago, 61; Ph.D.(sociol), Kentucky, 69. Instr. SOCIOL. Wis. State, Superior, 61-64; lectr. Kentucky, 64-67; ASSOC. PROF, WIS. STATE, EAU CLAIRE, 67- U.S.M.C.R. 53-, Maj. Sociol. Assn. Reference groups; small group structure. Address: Dept. of Sociology, Wisconsin State University, Eau Claire, Wis. 54701.
- TROSPER, DR. JOSEPH FORREST. Finance. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Financial adv. to pres. of Kabul Univ, Afghanistan, U.S. Agency Int. Develop. 70- Address: USAID/KABUL (ID), Dept. of State, Washington, D.C. 20523.



- TROST, DR. CHARLES H(ENRY). Vertebrate Zoology, Physiological Ecology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- TROTTER, PROF. LEONA SECHI. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn, 70-, Dept. of Economics, Fairleigh Dickinson University, Teaneck, N.J. 07666.
- TROUT, DR. FRANK E(MANUEL). Modern History, Historical Geography. See 5th ed, Dr. Arn. Scholars, Vol. I, Hist.
- TROUT, PROF. ROBERT O(REN). Geography, Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn, 69-, Dept. of Social Sciences, Louisiana Polytechnic Institute, Box 4107, Tech Station, Ruston, La. 71270.
- TROUTMAN, JAMES SCOTT. Engineering, Operations Research. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- TROWELL, DR. JAY ALLEN. Physiological Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- TROXELL, PROF. JOHN P(HILIP). Industrial Relations. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: No longer with Univ. Mississippi. Address: Kingscote Gardens, Stanford, Calif. 94305.
- TRUED, DR. M(ERLYN) N(ELSON). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Financial mgr, 69-, Inter-American Development Bank, 808 17th St. N.W., Washington, D.C. 20577.
- TRUITT, DR. WILLIAM JAMES, b. Dallas, Tex. Mar. 4, 40; m. 62; c. 2. ECONOMICS. B.A. Southern Methodist, 60; Ford Found. fel. & M.S. Purdue, 62; univ. fel. Illinois, 64-65, Ph.D.(econ), 68. Asst. prof. ECON. La. State, Baton Rouge, 65-68; ASSOC. PROF. BAYLOR, 68- Econ. Asst. Nat. Tax Assn. Shifting of excise taxes with the use of econometric methods. Address: Dept. of Economics, Hankamer School of Business, Baylor University, Waco, Tex. 76793.
- TRUMAN, PRES. DAVID B(ICKNELL). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Pres, 69-, Mount Holyoke College, South Hadley, Mass. 01075.
- TRUSCOTT, DR. IDA P(ROUTY), b. Council Bluffs, Iowa, Oct. 1, 15; m. 41; c. 2. PSYCHOLOGY. B.A. Iowa, 40; M.A. Radcliffe Col., 45; Ph.D.(clin. & exp. psychol), Cincinnati, 66. Intern psychol. State Dept. Soc. Welfare, Iowa, 40-41; teaching asst, N.Y. Univ. 41-42; jr. res. psychologist, psycho-acoustic lab, Harvard, 44-45; clin. psychologist, testing & adjustment center, N.Y. Univ. 46; psychologist, Butler County Guid. Center, Ohio, 58-59; instr. & asst. psychol., Cincinnati, 61-66; asst. prof. Xavier, 66-67; CONSULT. RES. & CLIN. PSYCHOL. ROLLMAN PSYCHIAT. INST., CINCINNATI, OHIO, 67- Clin. psychologist, Longview State Hosp, Cincinnati, 66-67. Psychol. Asn. Radio range signals as masked by white noise; masking of speech by sine, square and regular and modulated pulses; memory process in brain-damaged adults; schizophrenic language; psycholinguistics and memory process. Publ. Co-auth, The masking of speech by sine waves, square waves and regular and modulated pulses, J. Acoustical Soc. Am, 64; auth, Short-term memory in brain-damaged adults, Am. Psychol. Asn. Proc, 67; Contextual constraint and schizophrenic language, J. Consult. Psychol, 70. Address: 2854 Ridgewood Ave, Cincinnati, Ohio 45213.
- TRUSSELL, DR. MARGARET EDITH, b. Alameda, Calif. Jan. 26, 28. GEOGRAPHY. A.B. California, Berkeley, 49, M.A., 60; M.A. Calif. State Col. Long Beach, 57; grant-in-aid, Chico State Col, 68-69; Ph.D.(geog), Oregon, 69. Teacher, high schs, Calif, 53-57; econ. San Jose City Col, 58; teaching asst, California, Berkeley, 60-61; asst. prof. soc. sci. Southwest. Ore. Community Col, 61-66; GEOG. CHICO STATE COL, 66-70, ASSOC. PROF, 70- AAAS; Asn. Am. Geog.; Am. Geog. Soc.; Soc. Econ. Bot. Pioneer agriculture and agricultural development, including origins and diffusion of land choice decisions and agricultural practices; distributions and human uses of native plants; history of geographic thought. Publ. Land choice by pioneer farmers: Western Butte County, through 1877, Univ. Microfilms, 69; co-auth, In view of the road, Westways, 61; auth, Geography field course, Nat. Defense Ed. Act Sect. Jr. Col. Workshop in Geog. Report, 67. Address: Dept. of Geography, Chico State College, Chico, Calif. 95926.
- TSIANG, PROF. S(HO) C(HIEH). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Economics, Cornell University, Ithaca, N.Y. 14850.
- TSUI, DR. TIM T. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Corp. dir. econ. anal, 69-, Dart Industries Inc, 8430 Beverly Blvd, Los Angeles, Calif. 90054.
- TSURUTANI, DR. TAKETSUGU, b. Nagasaki, Japan, Dec. 28, 36; m. 64; c. 1. POLITICAL SCIENCE. B.A. Lawrence Col, 58; Strauborg, 58-59; M.A. Wisconsin, 64, Ph.D.(polit. sci), 66. Instr. POLIT. SCI. Nevada Southern, 65-66, ASST. PROF, 66-67; Maine, 67-69; WASHINGTON STATE, 69- Res. assoc. Center Rural Develop, 67-68. Polit. Sci. Asn; Asn. Asian Studies. Process of modernization; role of political leadership. Publ. Machiavelli and the problem of political development, Rev. Polit, 7/68 & Stability and instability: a note in comparative political analysis, J. Polit, 11/68. Address: Dept. of Political Science, Washington State University, Pullman, Wash. 99163.
- TUAN, PROF. YI-FU. Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 68-, Dept. of Geography, University of Minnesota, Minneapolis, Minn. 55455.
- TUCCI, PROF. MARIO J., b. Peekskill, N.Y. June 24, 20; m. 55; c. 4. MARKETING MANAGEMENT. B.S. N.Y. Univ. 42, M.A., 49; summers, Ford. Found. fel. Carnegie Inst. Tech, 57, fel. Mass. Inst. Tech, 61. ASSOC. PROF. MKT. & MGT. COL. BUS. ADMIN, FORDHAM, 68- Training consultant, Naval Resale Syst. Off., U.S. Navy, 59- Mgt. Asn; Mkt. Asn. Consumer behavior in the market place; training of middle management areas. Publ. Co-auth, Channels of distribution, In: Principles of marketing, Pitman, 61. Address: Dept. of Marketing & Management, Fordham University College of Business Administration, Bronx, N.Y. 10458.
- TUCKER, DR. THOMAS J(ACOB), b. Chicago, Ill. June 4, 32; m. 55; c. 3. PSYCHOLOGY. B.A. Roosevelt, 54, M.A., 61; U.S. Pub. Health Serv. fel., Chicago, 62-64, Ph.D.(psychol), 65. Lectr. PSYCHOL, Roosevelt, 61-66; Ill. Col. Optom, 63-64; res. assoc. psychiatrist & psychosom. inst, Michael Reese Hosp, 65-66; ASST. PROF. COL. MED, ILLINOIS, 66- U.S.A. 56-58. Psychol. Asn; Psychosom. Soc; Int. Soc. Develop. Psychobiol. Effects of neonatal brain damage on problem solving and sensory discrimination capacities in the developing organism. Publ. Co-auth, Sparing of function following localized brain lesions in neonatal monkeys, In: The neuropsychology of development, Wiley, 68; Sparing of photic frequency and brightness discriminations after striateectomy in neonatal cats, J. Neurophysiol, 31: 818-832 & Preservation of delayed response following combined lesions of prefrontal and posterior association cortex in infant monkeys, Exp. Neurol, 23: 491-502. Address: Neuropsychiatric Institute, 912 S. Wood St, Chicago, Ill. 60612.
- TUCKMAN, DR. JACOB. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir, 68-, Suicide Prevention Center, City Hall Annex, Room 430, Philadelphia, Pa. 19107.
- TUDOR, THOMAS HUBBARD, b. Boston, Mass. Oct. 23, 09; m. c. 4. ECONOMIC & INDUSTRIAL DEVELOPMENT. A.B. Stanford, 32, M.B.A., 39; cert., Chicago Tech, 35. Jr. economist, Gov. Cmn. Re-employ, Calif, 39-40; progress eng., Permanente Metals Corp, 41-42; sr. researcher, Indust. Indemnity Co, 47-49; sr. economist, Stanford Res. Inst, 50-60; DIR. TUDOR RES, 61- U.S.N.R., 42-46, Res, 46-, Comdr. Consultative work and project operation in developing countries, especially all phases of their economic and industrial development including technical, vocational and management training. Address: 1626 Santa Barbara St, Santa Barbara, Calif. 93101.
- TUETING, DR. PATRICIA A., b. Jan. 26, 41; m. 66. PSYCHOLOGY. B.A. St. Olaf Col, 63; Higgins fel., Columbia, 63-64, M.A., 64, Nat. Inst. Ment. Health fel, 67-68, Ph.D.(psychophysiol), 68. Fel. N.Y. State Psychiat. Inst, 68-69; ASST. PROF. PSYCHOL. LEHMAN COL, 69- Res. assoc. psychiatrist, Columbia, 69-70. AAAS. Evoked potential correlates of complex psychological variables. Publ. Co-auth, Information delivery and the sensory evoked potential, Science, 67; auth, Quantitative evoked potential correlates of the probability of events, Psychophysiology, 70. Address: Biometrics Research, Psychiatric Institute, 722 W. 168 St, New York, N.Y. 10032.
- TUGWELL, DR. FRANKLIN, b. San Juan, P.R. Mar. 29, 42; m. 62; c. 1. POLITICAL SCIENCE. B.A. Columbia, 63, faculty scholar, 63-64, M.A., 64, Latin Am. Inst. Scholar, 64-65, For. Area fel, 66-68, Ph.D.(polit. sci), 69. Instr. GOVT. POMONA COL, 68-69, ASST. PROF, 69-, Hayes fel, summer, 68. Polit. Sci. Asn; World Future Soc. Latin American politics; modernization; political future studies. Publ. The Christian Democrats of Venezuela, J. Interam. Studies, 4/65. Address: Dept. of Government, Pomona College, Claremont, Calif. 91711.
- TULCHIN, SIMON H(ARRY). Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 3541 T St. N.W., Washington, D.C. 20007.
- TULL, DR. DONALD STANLEY. Marketing. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 2580 Highland Oaks, Eugene, Ore. 97405.
- TULLOCK, PROF. GORDON. Economics, Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, econ, 68-, Center for Study of Public Choice, Virginia Polytechnic Institute, Blacksburg, Va. 24061.
- TULVING, PROF. ENDEL. Experimental Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 70-, Dept. of Psychology, Yale University, 333 Cedar St, New Haven, Conn. 06510.
- TUNG, DR. THEODORE H. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 50 Drake Rd, Somerset, N.J. 08873.
- TUPIN, DR. JOE P., b. Comanche, Tex. Feb. 17, 34; m. 55; c. 3. PSYCHIATRY. B.S. Texas, 55, M.D. 59. Intern, California, San Francisco, 60, res. psychiatrist, med. b. Texas, 60-62, Nat. Inst. Ment. Health fel, 62-64, asst. prof, 64-68, asst. dean, 67-68, assoc. prof. psychiatrist & assoc. dean, 68-69, dir. res, 64-69; ASSOC. PROF. PSYCHIAT. SCH. MED. CALIFORNIA, DAVIS, 69- Nat. Inst. Ment. Health career teacher award, 64-66. Consult, Peace Corps, 66; Soc. Security Admin, 66-69; Asst. State Hosp, 67-69; AAAS; fel. Psychiat. Asn; Fedn. Clin. Res. Psychopharmacology; manic depressive illness, family dynamics. Publ. The use of lithium carbonate in the treatment of manic psychosis, 123: 201-207 & Lithium effects on electrolyte excretion, 125: 356-342, Am. J. Psychiat; Computer monitoring and analysis of a psychiatric treatment program, Ment. Hyg, 7/67. Address: School of Medicine, University of California, Davis, Calif. 95616.
- TURBAN, DR. EFRAIM. Management Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Economics & Commerce, Simon Fraser University, Burnaby 2, B.C., Can.
- TURBEVILLE, PRES. GUS. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Pres, 69-, Coker College, Hartsville, S.C. 29550.
- TUREL, DR. ELLIOT, b. Rhodes, Greece, Sept. 23, 38; U.S. citizen. DEVELOPMENTAL PSYCHOLOGY. B.B.A. City Col. New York, 60; Nat. Inst. Ment. Health fel, Yale, 61-65, Ph.D.(psychol), 65. Res. assoc. psychol. Center Urban Ed. & Bank St. Sch. Ed, 65-67; adj. asst. prof. Columbia, 66-67, asst. prof, 67-69; ASSOC. PROF. ED. & SOC. PSYCHOL. HARVARD, 69- Nat. Sci. Found. res. grant, 67-69. Psychol. Asn; Soc. Res. Child Develop. Social de-

- velopment, particularly development of moral judgments, development of cognition and processes of developmental change. Publ: An experimental test of the sequentiality of developmental stages in the child's moral judgments. *J. Personality & Soc. Psychol.* 66; An historical analysis of the Freudian conception of the super ego. *Psychoanal. Rev.* 67; Developmental processes in the child's moral thinking. In: *New directions in developmental psychology*, Holt, 68. Address: Graduate School of Education, Harvard University, Larsen Hall, Appian Way, Cambridge, Mass. 02138.
- TURNBULL, DR. AUGUSTUS BACON, III, b. Atlanta, Ga. Mar. 7, 40; m. 65. POLITICAL SCIENCE, PUBLIC ADMINISTRATION. A.B. Georgia, 62; Nat. Defense Ed. Act & Woodrow Wilson fells. & Ph.D.(govt). Virginia, 67. Asst. press secy. to Gov. Carl Sanders, Ga. 64-67; asst. prof. polit. sci. inst. govt. GEORGIA, 67-70, DIR. UNIV. SELF STUDY PROG., 70- Dir. Ga. Summer Intern. Prog. State Govt. 65-66; res. dir. Citizens Cmt. Ga. Gen. Assembly, 68-70; summer prof. U.S. Civil Serv. Cmm, D.C. 69. Consult, Civil Defense Staff Col, Battle Creek, Mich. 68-70; constitutional revision, Ga. House Rep. 69. Polit. Sci. Assn; Soc. Pub. Admin; World Ed. Fel. Planning, programming and budgeting systems; public budgeting; administrative internships; state government organization; administration of higher education. Publ: Agencies of Georgia State Government. Univ. Georgia, 69; The PPB systems analyst: skills and training requirements. U.S. Civil Serv. Cmm, 69; co-auth. Budget making in Georgia and Wisconsin: a test of a model. *Midwest J. Polit. Sci.* 11/69. Address: 175 Baxter Dr, M-5, Athens, Ga. 30601.
- TURNBULL, DR. WILLIAM W(ATSON). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Pres. 70-, Educational Testing Service, Princeton, N.J. 08540.
- TURNER, DR. CASTELLANO BLANCHET, b. Chicago, Ill. June 14, 38; m. 61. PSYCHOLOGY. B.A. DePaul, 62, M.A. 63; Ph.D.(psychol). Chicago, 66. Lectr. psychol. exten. div. Chicago, 65-68; ASST. PROF. MASSACHUSETTS, 68- Prog. psychologist, Woodlawn-Hyde Park-Kenwood Prog, Manteno State Hosp. 66-67, prog. dir. 67-68; clin. instr. dept. psychiat. Chicago, 66-68, res. assoc. sch. soc. serv. admin. 68. AAAS; Psychol. Assn. Personality measurement; community mental health. Publ: Co-auth. Item quality and appropriateness of response process. Ed. & Psychol. Measurement, summer 68. Address: Dept. of Psychology, University of Massachusetts, Amherst, Mass. 01002.
- TURNER, DR. CHRISTY (GENTRY), II, b. Columbia, Mo. Nov. 28, 33; m. 57; c. 3. PHYSICAL ANTHROPOLOGY. B.A. Arizona, 57, M.A. 58; Ph.D.(phys. anthropol). Wisconsin, 67. Phys. anthropologist, U.S. Nat. Museum, North Ariz. 58-61; acting asst. prof. PHYS. ANTHROP. California, Berkeley, 63-66; ASSOC. PROF. ARIZONA STATE, 66- Werner-Gren Found. grant anthropol. res. 68-69; trainee. Inst. Adv. Ed. Dent. Res. 69-; fel. Center Adv. Study Behav. Sci. 70-71. Am. Assn. Phys. Anthropol; Int. Assn. Dent. Res; Soc. Am. Archaeol; Int. Assn. Human Biol; Brit. Soc. Study Human Biol. Dental anthropology; prehistory, physical anthropology and microevolution of Arctic and Southwestern United States peoples; American Indians. Publ: Petrographs of the Glen Canyon region. Mus. North. Ariz. Bull. 63; Micro-evolutionary interpretations from the dentition. 30: 421-426 & co-auth. Dental chipping in Aleuts, Eskimos and Indians. 31: 303-310. Am. J. Phys. Anthropol. Address: Dept. of Anthropology, Arizona State University, Tempe, Ariz. 85281.
- TURNER, DR. EDWARD D, b. Topeka, Kans. Nov. 9, 30. PSYCHOLOGY. A.B. Washburn, 58; Ph.D. Kansas State, 66. Res. asst. Menninger Found. Topeka, 56-61; Kansas State, 61-64; asst. prof. PSYCHOL. CALIFORNIA, DAVIS 64-69; ASSOC. PROF. 69-, CHMN. BOLD STUDIES PROG., 70-. Asst. Washburn, 56-58; res. asst. Dept. Health, Ed. & Welfare, 56-58; statistician, bur. child res. & endocrine lab, Kansas Univ. 58-59. Consult, Sacramento Youth Cong; U.E.O. Sacramento; Community Relis. Training Prog, Sacramento Police Dept; consult. & organizer, Neighborhood Action Group. Psychol. Assn. Social perception; experimental design; psychophysics; social personality. Publ: Co-auth. Influence of lightness upon judgment of size: an exercise in multidimensional psychophysics. Am. J. Psychol. 78: 90-95; Vigilance performance with a qualitative shift in verbal reinforcers. *J. Exp. Psychol.* 70: 83-86 & 71: 467-468, Response latency as a function of the statistical structure of a prior schedule of presentation intervals. *J. Gen. Psychol.* 75: 279-284. Address: Dept. of Psychology, University of California, Davis, Calif. 95616.
- TURNER, DR. KEITH K, b. Lincoln, Nebr. Apr. 6, 36; m. 58; c. 3. ECONOMICS. B.A. Nebraska, 58, M.A. 62, Ph.D.(econ). 68. Asst. prof. ECON, Denver, 68-69; ASSOC. PROF. NEBRASKA, OMAHA, 69. U.S.A. 60-61, 1st Lt. Region, 68-69; res. asst. Dept. Health, Ed. & Welfare, 56-58; construction activity, Bur. Bus. Res. Univ. Nebr. 68 & The construction industry in Colorado. Col. Bus. Admin. Univ. Denver, 70. Address: Dept. of Economics, University of Nebraska at Omaha, Omaha, Nebr. 68010.
- TURNER, PROF. ROBERT C(LEMENS). Business Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also v. chancellor, Indiana, Bloomington, 69- Address: 915 S. Highland Ave, Bloomington, Ind. 47401.
- TURNER, PROF. VICTOR WITTER. Anthropology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Committee on Social Thought, University of Chicago, Chicago, Ill. 60637.
- TURNER, DR. WILLIAM HOMER HEYWARD. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: V. pres. & dir. studies in philanthropy & liberal ed. Acad. Ed. Develop. Inc. 70- Address: 475 Fifth Ave, New York, N.Y. 10017.
- TURNER, DR. WILLIAM L. Agricultural Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir. 89-, North Carolina Dept. of Administration, Box 1351, Raleigh, N.C. 27602.
- TURRISI, DR. FRANK D(UGLAS), b. Westerly, R.I. Feb. 15, 36; m. 61; c. 2. CHILD PSYCHOLOGY. B.A. Connecticut, 64; U.S. Pub. Health Serv. fel, Brown, 65-68, A.M. 66, Ph.D.(psychol). 69. ASST. PROF. PSYCHOL. FLA. STATE, 68- U.S.N. 54-57. Psychol. Assn; Soc. Res. Child Develop. Attentional processes; discrimination learning and memory, specifically as related to the transfer of learning. Publ: Co-auth. The effects of overtraining on the acquisition of intradimensional and extradimensional shifts. *J. Exp. Psychol.* (in press), Some effects of novelty and overtraining on the reversal of learning of retardates. *J. Exp. Child Psychol.* (in press) & The effects of overtraining and training procedure on transfer of observing and instrumental responses in discriminative reversals. *J. Comp. & Physiol. Psychol.* (in press). Address: Dept. of Psychology, Florida State University, Tallahassee, Fla. 32306.
- TURTON, DR. LAWRENCE J(AMES), b. Lorain, Ohio, Nov. 8, 34; m. 62; c. 4. SPEECH PATHOLOGY. A.B. John Carroll, 62; M.A. Western Reserve, 64; Ph.D.(speech path. audiol). Kansas, 66. ASST. PROF. SPEECH PATH. sch. med. Kansas, 66-68; BOWLING GREEN STATE, 68- Consult, div. hosp. & med. facilities, bur. health serv. U.S. Pub. Health Serv. Language development; language pathology of children and adults; articulation disorders of children. Address: Dept. of Speech, Bowling Green State University, Bowling Green, Ohio 43402.
- TUSSING, DR. ARLO R, b. Portland, Ore. July 22, 33; m. 66. ECONOMICS. A.B. Chicago, 50; B.S. Ore. State Col, 52; Ford Found. For. Area fel. Hist-subashi Univ. Japan, 60-62; Ph.D.(econ), Washington (Seattle), 65. Asst. prof. ECON. San Francisco State Col, 63-64; ALASKA, 65-67, ASSOC. PROF. 67- Pres. Ecosysts. Assocs. 67-; economist, Fed. Field Cmt. Develop. Planning Alaska, Anchorage, 69- Econ. Assn. Econ. Hist. Assn. Economic development and history; natural resources economics. Publ: Co-auth. Alaska-Japan economic relations. Univ. Alaska, 68; auth. The labor force in Meiji economic growth. *J. Econ. Hist.* 3/66; co-auth. Kogyo Iken: Japan's ten year plan 1884. Econ. Develop. & Cultural Change, 9/67. Address: Institute of Social, Economic, and Government Research, University of Alaska, College, Alaska 99701.
- TUTKO, PROF. THOMAS ARTHUR, b. Eallitzin, Pa. Sept. 8, 31; div. c. 4. PSYCHOLOGY. B.S. Pa. State, 56, M.A. 60; U.S. Dept. Pub. Health fel. Northwestern, 61-62, Ph.D.(psychol). 62. PROF. PSYCHOL. SAN JOSE STATE COL, 62- U.S. Dept. Pub. Health grant, 65-69. U.S.M.C. 49-52, 5/87. Sports motivation; personality; psychobiology; tests and measurements; mental health evaluation and assessment. Publ: Co-auth. Problem athletes and how to handle them, Pelham Books, 66 & The dynamics of coaching, Allyn, 70; auth. Clinical aspects of sport psychology, Quest, 70. Address: Dept. of Psychology, San Jose State College, San Jose, Calif. 95114.
- TUTTLE, DR. ANDREW C. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. & chmn. 68-, Dept. of Political Science, University of Nevada at Las Vegas, Las Vegas, Nev. 89109.
- TUTTLE, PROF. FRANK W(ALDO). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New publ: Co-auth. An economic history of the United States, South-West. Publ. 70. Address: 1540 N.W. Sixth Ave, Gainesville, Fla. 32601.
- TYLER, PROF. FORREST BROOKS. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. psychol. & dir. clin. training, 69-, Dept. of Psychology, University of Maryland, College Park, Md. 20742.
- TYLER, PROF. F(REDERICK) T. Educational Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Correction in address: 3000 Beach Dr, Victoria, B.C. Can.
- TYNER, DR. FRED H, JR. Agricultural Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof. 68-, Dept. of Agricultural Economics, Institute of Food & Agricultural Sciences, University of Florida, Gainesville, Fla. 32601.
- TYPPO, PROF. JOHN TAUNO. Human Nutrition, Biochemistry. See Suppl. VI to 11th ed, Phys. & Biol. Vols.

## U

- UBER, PROF. HARVEY A(UGUST). Geography, Geology. See 11th ed, Soc. & Behav. Vols. deceased 69.
- UDRY, PROF. JOE RICHARD, b. Covington, Ky. Oct. 12, 28; m. 50; c. 2. SOCIOLOGY. B.S. Northwestern, 50; M.A. Long Beach State Col, 56; Ph.D. (sociol). Southern California, 60. Instr. school, Chaffey Col(Calif). 60-62; asst. prof. Calif. State Polytech. Col, 62-65; assoc. prof. SOCIOL. & MATERNAL & CHILD HEALTH, NORTH CAROLINA, CHAPEL HILL, 65-69. PROF. 69- U.S.M.C. 51-53, Sgt. Fel. Sociol. Assn; Pop. Assn; Am. Pub. Health Assn. Sociology of the family; bio-social aspects of reproduction and sexual behavior; evaluation of health programs. Publ: The social context of marriage, Lippincott, 66; co-auth. Distribution of coitus in the menstrual cycle, Nature, 11/68; auth. Divorce, In: *Encyclopedia Americana*, Americana Corp. 70. Address: Dept. of Sociology, University of North Carolina at Chapel Hill, Chapel Hill, N.C. 27514.
- UEHLING, DR. BARBARA S(TANER). Experimental Psychology. See ARCHER, DR. BARBARA UEHLING, this Suppl.

- UGELOW, DR. ALVIN, b. New York, N.Y. Aug. 22, 34. GENERAL & EDUCATIONAL PSYCHOLOGY. B.A. City Col. New York, 55; M.S. Pa. State, 57, Ph.D.(gen. psychol). 60. Res. psychologist, behav. sci. lab, Wright Patterson Air Force Base, 59-62; Burroughs Corp. 62-64; instr. psychol. Wayne State, 64-65; coordinator programmed media, OAKLAND COMMUNITY COL, 65-66. ASSOC. PROF. PSYCHOL. 66- HEAD DEPT. BEHAV. SCI. 68. Psychol. Assn. Problems of motivation in programmed learning; teaching and effective personal adjustment; relevance in education; contribution of discussion groups to learning. Publ: Motivation and the automation of training;



a literature review, U.S. Air Force, 62; co-auth, Free association time as a function of word frequency, *Can. J. Psychol.* 57 & Proactive, retroactive and coactive inhibition with meaningful material, *Psychol. Reports*, 59. Address: Dept. of Behavioral Sciences, Oakland Community College, Union Lake, Mich. 48065.

UHES, DR. MICHAEL J. b. Detroit, Mich. Feb. 26, 41; m. 68. CLINICAL PSYCHOLOGY. B.S. Utah State, 62, Ph.D. (psychol), 68; M.A. New Hampshire, 64. Psychologist, Reception & Diagnostic Center, Joliet, Ill. 64-65; res. asst. PSYCHOL, Utah State, 66-68; ASST. PROF. CARROLL COL., 68-Inst. psychol, Wisconsin, Waukesha, 69. Summers, psychol. consult. Bur. Indian Affairs Counseling Workshop, Logan, Utah, 68; Peace Corps Training Progs, Palau & Yap Dist., Micronesia, 69. Psychol. Asn. Personality factors associated with creative ability; predictors of success in Peace Corps training; sources of gain in psychotherapy. Address: Dept. of Psychology, Carroll College, Waukesha, Wis. 53186.

UHL, PROF. KENNETH PAUL, b. Ames, Iowa, July 3, 31; m. 51; c. 8. ADMINISTRATION, MARKETING. B.Sc. Iowa, 53, M.A., 58, Ph.D. (bus. admin), 60. Asst. prof. statist. & mkt. Arizona, 59-60; mkt. Iowa, 60-63, asst. dean & assoc. prof. bus. admin, 63-64; vis. prof. mkt. Washington (Seattle), 64-65; assoc. prof. IOWA, 65-66; PROF. BUS. ADMIN., 66-67, chmn. dept., 66-68. Ford Found. & Found. Econ. Ed. fells, summer 63. U.S.A.F., 63-65, 1st Lt. Mkt. Asn. Inst. Decision Sci. Marketing information and research; state and national taxes on advertising services: impact and influences. Publ. Co-auth, Marketing research: information system and decision making, Wiley, 69; auth, Shareowner brand preferences, J. Bus. Univ. Chicago, 1/62; co-auth, How are laggards different: an empirical study, J. Mkt. Res., 2/70. Address: College of Business Administration, University of Iowa, Iowa City, Iowa 52240.

UHL, DR. NORMAN (PAUL). Psychology, Education. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Res. psychologist, 69-, Educational Testing Service, Mutual Plaza, Durham, N.C. 27701.

UHLANER, DR. J (ULIUS) (EARL). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: U.S. Army Behavioral Science Research Lab, Commonwealth Bldg, 1320 Wilson Blvd, Arlington, Va. 22209.

UHLNUTH, DR. E (BERHARD) (HENRY). Psychiatry. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 68-, Dept. of Psychiatry, University of Chicago, 950 E. 59th St, Chicago, Ill. 60637.

UHLIG, DR. GEORGE, b. Fremont, Nebr., Dec. 29, 33; m. 65; c. 1. EDUCATIONAL PSYCHOLOGY & RESEARCH. B.S. Ed, Nebraska, 55, M.Ed., 60, Ed.D. (ed. psychol), 63. Instr. couns. high sch, Calif., 60-61; supvr. pre-col. instr. Nebraska, Omaha, 61-64; asst. prof. psychol. & ed, East Ky. State Col., 64-65; ASST. PROF. ED. PSYCHOL, WISCONSIN-MILWAUKEE, 65-66, DIR. RES. SCH. ED., 68-, chmn. dept. ed. psychol, 66-68. Summer lectr, Ohio State, 65. Consult; Nebr. Human Resources Res. Found., 64-70; Ed. Systs. Coun. D.C., 66-70; Ed. Planning Cmn, Ministry Ed, Venezuela, 69; Wis. Higher Ed. Aids Bd., 69-70; U.S. Dept. Defense, summer 66. U.S.A., 55-57. Psychol. Asn.; Personnel & Guid. Asn.; Ed. Res. Asn. Latent structural analysis, program evaluation and econometric models for education. Publ. Co-auth, Aspirations of selected Appalachia youth, Personnel & Guidance J., 1/67 & Attitude toward cheating and opportunistic behavior, J. Ed. Res., 5-6/67. Address: 6362 W. Cloverleaf Lane, Brown Deer, Wis. 53223.

ULEMAN, DR. JAMES STEPHEN, b. Pittsburgh, Pa. Aug. 12, 39; m. 62; c. 3. PERSONALITY. B.A., Michigan, 61; Nat. Inst. Ment. Health traineeship, Harvard, 61-65, Ph.D. (soc. psychol), 66. ASST. PROF. PSYCHOL, MICH. STATE, 65- Nat. Insts. Health res. grants, 67-68. AAAS; Psychol. Asn.; Soc. Psychol. Studies; Human motivation, especially regarding interpersonal influence and power; verbal behavior; projective tests; personality assessment; verbal conditioning and the role of motivation and awareness in such problem solving. Address: Dept. of Psychology, Michigan State University, East Lansing, Mich. 48823.

ULIBARRI, DR. RICHARD (ONOFRE). Latin American & American History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.

ULLMAN, DR. ALBERT D (ANIEL). Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Sr. v. pres. & provost, 68-, Tufts University, Medford, Mass. 02155.

ULLMANN, DR. CHARLES A (LEXANDER). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. counseling, transitional manpower progs, Off. Secy. of Defense. Address: 3401 N. Randolph St, Arlington, Va. 22207.

ULLRICH, DR. HELEN. Linguistics, Anthropology. See Suppl. 1 to 5th ed, Dir. Am. Scholars.

ULMER, PROF. MELVILLE J (ACK). Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New publ: The future state: U.S.A., Houghton, 69. Address: 10401 River Rd, Potomac, Md. 20854.

ULMER, DR. RAYMOND ARTHUR. Clinical Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Res. & training psychologist, Camarillo State Hospital, Camarillo, Calif. 93010.

UNDERWOOD, DR. JANE HAINLINE, b. Ft. Bliss, Tex., Oct. 30, 31; m. 68; c. 3. ANTHROPOLOGY. B.A., California, Riverside, 60, M.A., Los Angeles, 62, Woodrow Wilson fel. & Ph.D. (anthrop), 64. Lectr. ANTHROP, California, Riverside, 62-63, asst. prof., 63-65, res. asst. prof., 65-66, asst. prof., 66-68; ASSOC. PROF. ARIZONA, 68- Res. grants, Soc. Sci. Res. Coun, summer 64, 69 & Nat. Sci. Found., 65-67. Chmn. task force anthrop. data processing, human adaptability sect, Int. Biol. Prog., 67- AAAS; fel. Anthropol. Asn.; Phys. Anthropol.; Brit. Soc. Study Human Biol. Population genetics and human ecology; Pacific Islands peoples and culture; demography and population studies. Publ. Culture and biological adaptation, Anthropological, 65. Population and genetic (serological) variability in Micronesia, *Annals N.Y.*

Acad. Sci., 66; Preliminary investigations in the demography and ecology of the Yap Islands, *Micronesia*, 69. Address: Dept. of Anthropology, University of Arizona, Tucson, Ariz. 85721.

UNDERWOOD, PROF. KENNETH W. Social Ethics, History. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.

UNGER, PROF. PETER (KENNETH). Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.

UNO, DR. TADAO, b. Santa Maria, Calif., Nov. 4, 38; m. 67. EXPERIMENTAL PSYCHOLOGY. A.B., California, Los Angeles, 60; M.A., Southern California, 63, Ph.D. (psychol), 66. ASST. PROF. PSYCHOL, BAYLOR, 66- Exp. psychol. consult, Waco Vet. Admin. Hosp., Tex., 67-70. AAAS; Psychol. Asn.; Soc. Psychophysiol. Res. Psychophysiology; classical conditioning; automatic response characteristics of psychopathy. Publ. Co-auth, Autonomic component of orienting behavior, 65 & Counterconditioning: fear and relaxation, 68, Psychophysiology; auth, Interceptive conditioning of the galvanic skin response, *Am. Psychol.* Asn. Proc., 69. Address: Dept. of Psychology, Baylor University, Waco, Tex. 76703.

UNTERMEIER, PROF. WAYNE W (HITLOCK). Anthropology, Public Administration. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also dean acad. planning, 69-, California State College at Fullerton, 800 N. State College Blvd, Fullerton, Calif. 92631.

UPCHURCH, DR. HARLEY MASON. Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof., 69-, Dept. of Sociology & Anthropology, Northern Illinois University, De Kalb, Ill. 60115.

UPPER, DR. DENNIS, b. Cleveland, Ohio, July 14, 42; m. 67. CLINICAL PSYCHOLOGY. B.A., Yale, 64; M.A., Cincinnati, 66; Ph.D. (psychol), Case Western Reserve, 69. COORDINATOR BEHAV. THER. UNIT, VET. ADMIN. HOSP., BROCKTON, MASS., 69- Psychol. Asn. Behavior therapy techniques; modification of smoking behavior; verbal conditioning; process and reactive schizophrenia; token economies. Publ. Co-auth, Brain damage, schizophrenia and five MMPI items, *J. Clin. Psychol.*, 68. Address: 190 Cross St, Brockton, Mass. 02401.

UPTON, PRES. MILLER, b. New Orleans, La., Dec. 27, 16; m. 42; c. 3. FINANCE, EDUCATIONAL ADMINISTRATION. B.B.A., Tulane, 38; Jerome Jones scholar, & M.B.A., Harvard, 40; Arthur W. Newton & Univ. fells. & Ph.D. (finance), Northwestern 48; LL.D., Lawrence, 65; Monmouth Col., 66; Ripon Col., 67; L.H.D., Loyola (Ill.), 68. Off. mgr., col. commerce & bus. admin, Tulane, 38-39; instr. econ, Lake Forest Col., 40-43; soc. group worker, Kingsley House Settlement, New Orleans, 43-44; asst. econ, Northwestern, 44-45, instr. finance, 46-48, asst. prof., 48-50; assoc. prof., Washington (St. Louis), 50-54, dean sch. bus. & pub. admin, 51-54; PRES. BELLOIT COL., 54-Chmn, Wis. Continuing Revenue Survey Cmn, 59-60; past pres, Wis. Found. Independent Cos; dir, Home Life Ins. Co. of N.Y.; Household Finance Co. Trustee, Midwest Res. Inst. Mem. adv. bd., Am. Effective Law Enforcement, Inc. Econ. Asn.; Statist. Asn.; Finance Asn. (pres), 56. Publ. Co-auth, Introduction to business finance, McGraw, 53. Address: Beloit College, Beloit, Wis. 53511.

URBANSKI, DR. EDMUND STEPHEN. Foreign Languages. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang., Ling. & Philol.

URSULA, SISTER MARY, R.S.M. Geography. See HAU, SISTER MARY URSULA, R.S.M., this Suppl.

USDANE, DR. WILLIAM (MILLER). Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Dir. off. res, U.S. Dept. of Labor, 69- Address: 700 Seventh St, S.W., Washington, D.C. 20024.

USHER, PROF. DAN. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. Dept. of Economics, Queens University, Kingston, Ont., Can.

UVACEK, DR. EDWARD JR., b. Newark, N.J., Sept. 12, 30; m. 59; c. 3. AGRICULTURAL ECONOMICS. B.S., Rutgers, 52, M.S., U.S. Dept. Agr. Grad. Sch., 58; Armour & Co. Mgt. Oper. Course Execs, 60; Ph.D. (agr. econ), Texas A&M, 67. Res. asst. animal husbandry, Rutgers, 54-56; agr. economist, U.S. Dept. Agr., Wash., D.C. & Calif., 56-59; commodity analyst, Armour & Co., Ill., 59-61; livestock mkt. specialist, agr. econ. exten., TEXAS A&M, 61-63, asst. prof. agr. econ, 63-67, ASSOC. PROF. AGR. ECON. & EXTEN. LIVESTOCK INST. SPECIALIST, 67- Econ. livestock consult, U.S. Agency Int. Develop., Panama, 62, Korea, 63. Dir. West Res. 60- U.S.A.F., 52-54; Res. 54-68, 1st Lt. Agr. Econ. Asn.; Int. Asn. Agr. Econ.; Mkt. Asn. Economic analysis on pricing, grading, reporting and regulation of livestock and meat industry, including agri-business feasibility studies; development of new equations for more accurate forecasting of livestock supplies and prices. Publ. Co-auth, Pricing and competition of beef in Los Angeles, U.S. Dept. Agr., 60; auth, Economic trends in Texas cattle feeding, *Texas A&M Univ.*, 66; A new look at demand analysis for beef, *Am. J. Agr. Econ.*, 12/68. Address: Dept. of Agricultural Economics, Texas A&M University, College Station, Tex. 77840.

## V

VACCARO, DR. J (JOSEPH) JOHN. Clinical Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: assoc. conf. grad. div. pastoral counseling, Iona Col., 69-, dir, Park Ave. Consult. Center. Address: 5 Dartmouth St, Forest Hills Gardens, N.Y. 11375.

VAIL, PROF. JAMES P (ATRICK). Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also dir. undergrad curriculum & teaching div, grad. sch. ed, Fairfield, 69- Address: 88 Knollwood Dr, Fairfield, Conn. 06430.

- VAJDA, PROF. EMIL H. b. Milwaukee, Wis. Oct. 13, 26; m. 60; c. 3. SOCIOLOGY. B.S. Wisconsin, Madison, 50; M.A. Chicago, 52. Ph.D. (anthrop.) 60. Supvr, Milwaukee Gaslight Co. 60-63; asst. prof. biology, Wisconsin State-Oshkosh, 63-65; assoc. prof. & head dept. Bethany Col. (W.Va.), 65-67; PROF. SOCIOLOGY & HEAD DEPT. NORTHERN MICHIGAN, 67- Summer, vis. lectr., Alberta, 66. U.S.A. 44-46. Fel. Sociol. Assn; Statist. Assn; Pop. Assn. Am. Demography urban sociology. Publ: The professionals view society, Simon & Schuster, 69. Address: Dept. of Sociology, Northern Michigan University, Marquette, Mich. 49855.
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- VENTURA, FRANK L. b. New York, N.Y. Feb. 26, 22; m. 43; c. 4. CITY PLANNING. B.S.S. City Col. New York, 50; M.C.P. California, Berkeley, 52. Jr. planner, planning dept, Westchester County, N.Y., summer 51; chief planner, Tulsa Metro. Planning Cmn, Okla. 52-54; planning dir., planning dept, Fayetteville, N.C. 54-56; Pawtucket, R.I. 56-59; planning & renewal dir., planning dept, Warren, Mich. 59-63; planning & renewal dept, Alexandria, Va. 63-65; spec. consult, Ingr. & v. pres, Geer Assoc., 65-67; SR. RES. PLANNER, TRANSPORTATION RES. DEPT, TECH. CENTER, GEN. MOTORS RES. LABS, 67- U.S.A., 43. Inst. Planners. Short range and long range planning for better urban communities; development of better analytical techniques for planning and evaluating transportation systems for present and future urban systems. Publ: A case history for a planned industrial park, Pawtucket, Rhode Island, Planning 1959, Am. Soc. Planning Officials, 58; A data processing system you can bank on, Am. City Mag. 1/66. Address: Transportation Research, Technical Center, General Motors Research Labs, Warren, Mich. 48090.
- VERBIT, DR. MERVIN F. b. Phila, Pa, Nov. 24, 36; m. 65. SOCIOLOGY, RELIGION. A.B. Pennsylvania, 58, univ. & G.L. Harrison scholars, 58-60, A.M. 61; Nat. Found. Jewish Culture fel, Columbia, 63, Ph.D.(sociol), 68. Dir. student activities, B'nai B'rith Hillel Found, BROOKLYN COL, 62-66, lectr. SOCIOL, 67-68, instr, 68-69, ASST. PROF, 69- Consult, Paterson Area Jewish Population Study, 68- Nat. v.chmn. cmt. col. youth & faculty, Coun. Jewish Fedns. & Welfare Funds & mem. nat. cmm. Jewish Affairs, Am. Jewish Cong, 69-; mem. bd. dirs. & exec. cmt. Bur. Careers in Jewish Serv. & adv. cmt. serv. to col. youth, Nat. Jewish Welfare Bd, 69-; v.chmn. nat. exec. & steering cmt, Am. Profs. Peace in Mid. East, 70- Sociol. Asn; Soc. Sci. Study Relg; Acad. Polit. & Soc. Sci. Sociology of religion, especially the religious positions of adolescents; sociology of the American Jewish community. Publ: The components and dimensions of religious behavior: toward a reconceptualization of religiosity, In: American mosaic, Random, 70. Address: Dept. of Sociology, Brooklyn College, Brooklyn, N.Y. 11210.
- VERDONE, DR. PAUL P. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-, Dept. of Psychology, Sacramento State College, Sacramento, Calif. 95819.
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- VERNON, DR. JACK R. b. Springfield, Mo, Nov. 12, 32; m. 65; c. 1. ECONOMICS, FINANCE. B.A. Drury Col, 54; M.A. Washington (St. Louis), 58; Ph.D.(econ), Northwestern, 61. Economist, Fed. Reserve Bank of Chicago, 60-62; asst. prof. ECON, Mich. State, 62-67; ASSOC. PROF, FLORIDA, 67- Econ. Asn. Finance. Banking and financial institutions; monetary theory and policy; macroeconomics. Publ: Savings and loan association response to monetary policy, 1953-1961: a case study in availability, South. Econ. J. 1/65; Competition for saving deposits, the recent experience, Nat. Banking Rev. 12/66; Ownership and control among large member banks, J. Finance, 6/70. Address: Dept. of Economics, University of Florida, Gainesville, Fla. 32601.
- VERNON, PROF. McCAY, b. D.C., Oct. 14, 28; m. 55; c. 1. PSYCHOLOGY, EDUCATION. B.A. Florida, 51; M.S. Gallaudet Col, 55; M.A. Fla. State, 58; Ph.D.(psychol), Claremont Grad. Sch, 61. Teacher. Sch. Sch. Deaf & Blind, 51-54; Tex. Sch. Deaf, 55-56; Colo. Sch. for Deaf & Blind, 56-59; psychologist, Calif. Sch. for Deaf, 58-62 & 63-64; clin. psychologist, Riverside County Gen. Hosp, Calif. 62-63; res. assoc. spec. ed, Illinois, 64-65; res. assoc. prof. psychol. & ed, DePaul, 65-66; res. psychologist, Michael Reese Hosp, 66-69; PROF. PSYCHOL, WEST. MD. COL, 69- Ed. Am. Ann. Deaf, 68- Mem. nat. adv. cmt, Fed. Proj. for Multiply Handicapped Deaf, Hot Springs, Ark, 68-; exec. bd. Coun. Orgs. Serving Deaf, 69- Coun. Except. Children, 67- Int'l. C. U.S.A., 46-48. Psychol. Asn; Nat. Asn. Deaf. Behavioral aspects of deafness and profound hearing loss. Publ: Multiply handicapped children's medical, psychological and educational considerations, Coun. Except. Children, 69; Sociological and psychological factors in profound hearing loss, J. Speech & Hearing Res, 69; co-auth. Deafness and minority group dynamics, Deaf Am, 69. Address: Dept. of Psychology, Western Maryland College, Westminster, Md. 21157.
- VERRY, DR. DANA H. Statistics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 68-, Dept. of Office Administration, College of Business Administration, Memphis State University, Memphis, Tenn. 38111.
- VERY, DR. PHILIP S. b. Providence, R.I. Oct. 15, 38; m. 60; c. 6. DEVELOPMENTAL PSYCHOLOGY, MEASUREMENT. A.B. Bowdoin Col, 60; Nat. Sci. Found. fel. & M.S. Pittsburgh, 61; Nat. Insts. Health fel, Pa. State, 61-63, Ph.D.(psychol), 63. Instr. psychol, Pa. State, 62-63; asst. prof, Rhode Island, 63-67; ASSOC. PROF. PSYCHOL, R.I. COL, 67-, DIR. RES. & DEVELOP, 68-, CHMN. DEPT. PSYCHOL, 68- Nat. Inst. Child Health & Human Develop. faculty res. fel, 64-69; consult, NASA res. med. res. lab, New London Submarine Base, 66-69. Psychol. Asn; Nat. Coun. Measurement in Ed; Ed. Res. Asn. Growth of cognitive abilities; teacher evaluation; birth order and personality; psychological correlates of physiological changes in man. Publ: Differential factor structures in mathematical ability, 75; 169-207 & co-auth. Growth changes in factorial structure by age and sex, 78; 55-88, Genetic Psychol. Monogr; Relation between birth order and being a beautician, J. Appl. Psychol, Vol. 53, No. 2. Address: Dept. of Psychology, Rhode Island College, Providence, R.I. 02908.
- VESTERGAARD, DR. PER B. Medicine. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- VESTRE, DR. NORRIS DONALD. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, psychol. & dir. clin. training, 69-, Dept. of Psychology, Washington State University, Pullman, Wash. 99163.
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- VIA, DR. JAMES E(DWARD), b. Clinton, Ky, Mar. 1, 20; m. 48; c. 7. AGRICULTURAL ECONOMICS, POLITICAL SCIENCE. B.S. N.C. State, 52, Nat. Defense Ed. Act fel, 61-64, M.S. 64, Ph.D.(econ, polit. sci), 67. Claims investr, Retail Credit Co, Ga. 48-50; agr. exten. agent animal & poultry sci, N.C. State, 52-61, asst. prof. AGR. ECON, N.C. State, 64-67; ASSOC. PROF. MARYLAND, 67- Consult, Melpar, Inc, 69- U.S.M.C. 40-45, Lt. Agr. Econ. Asn. Livestock and poultry marketing; cost studies in production of poultry products; system for handling animal wastes. Publ: Broiler futures for you?, co-auth. Livestock marketing in Maryland & The Delmarva poultry industry in interregional competition, Agr. Exp. Sta. Univ. Maryland, 70. Address: Dept. of Agricultural Economics, University of Maryland College of Agriculture, College Park, Md. 20742.
- VIALLE, DR. KAREN L. RISTVET, b. Tacoma, Wash. May 21, 43; m. 69. POLITICAL SCIENCE, PUBLIC ADMINISTRATION. A.B. Puget Sound, 64; M.A., Washington State, 67, Ph.D.(polit. sci), 68. Asst. POLIT. SCI, Washington State, 65-68; ASST. PROF, PUGET SOUND, 68- Summers, admin. asst. planning, Dept. City Planning, Tacoma, 66-67. Polit. Sci. Asn; Soc. Pub. Admin. Urban administration and politics, particularly the problems of urban planning. Publ: The city and the suburb: a review of the concept of annexation, City Tacoma, 1/68; A model for decision-making: goals and policy formulation in comprehensive planning, Quorum, Wash. State Univ, 3/68. Address: Dept. of Political Science, University of Puget Sound, Tacoma, Wash. 98416.
- VICKERS, PROF. DOUGLAS, b. Rockhampton, Australia, July 13, 24; m. 46; c. 1. ECONOMICS. B.Com. Queensland, 49; B.Sc. London, 52, Ph.D.(econ), 56. Asst. prof. FINANCE PENNSYLVANIA, 57-61, asst. prof, 61-67, PROF, 67- Ford Found. faculty res. fel, 64-65. Royal Australian Air Force, 42-46. Am. Econ. Asn; Economet. Soc; Finance Asn; Royal Econ. Soc. Economic and financial theory; history of economic thought. Publ: Studies in the theory of money 1690-1776, Chilton, 59. The theory of the firm: production, capital and finance, McGraw, 68; The cost of capital and structure of the firm, J. Finance, 3/70. Address: Dept. of Finance, Wharton School, University of Pennsylvania, Philadelphia, Pa. 19104.
- VICKERY, PROF. KATHERINE. Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Emer. prof, 68-, Dept. of Psychology, University of Montevallo, Montevallo, Ala. 35115.
- VIKOR, DR. DESIDER. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Economics, Western Carolina University, Cullowhee, N.C. 28723.
- VINCENT, DR. JOAN E. b. Surrey, Eng. Nov. 17, 28. SOCIAL ANTHROPOLOGY. B.Sc. London Sch. Econ, 58; M.A. Chicago, 64, Ph.D.(anthrop), Columbia, 68. Lectr. polit. social, Makerere Univ. Col, Uganda, 66; ASST. PROF. ANTHROP, BARNARD COL, COLUMBIA, 68- Fel. Anthropol. Asn; fel. African Studies Asn. Political development in Africa and Asia; ethnic relations; politics of urban and agricultural development. Publ: African elite: the big men of a small town, Columbia, 70; Anthropology and political development, In: Politics and change in developing countries, Cambridge, 69; Local cooperatives and parochial politics in Uganda, J. Commonwealth Polit. Studies, 3/70. Address: Dept. of Anthropology, Barnard College, Columbia University, New York, N.Y. 10027.
- VINCENT, DR. PHILLIP E(ARL), b. Beech Grove, Ind. Aug. 27, 38. ECONOMICS. A.B. Washab Col, 60; Woodrow Wilson fel. & M.A. Stanford, 62, fel. & Ph.D.(econ), 68. Res. economist, res. inst, Denver, 62-64; Cmt. Urban Econ. fel, California, Los Angeles, 67-69; ASST. PROF. ECON, SOUTHERN CALIFORNIA, 69- Econ. Asn; Economet. Soc. Fiscal impact of commuters on central cities; reciprocal external effects: theory of externalities and public goods. Publ: Co-auth. External economic effects—an analysis and survey, Stanford Univ, 66; auth. Reciprocal externalities and optimal input and output levels, Am. Econ. Rev. 12/69. Address: Dept. of Economics, University of Southern California, Los Angeles, Calif. 90007.
- VINCZE, DR. LAJOS, b. Ghorac, Rumania, Jan. 26, 20; m. 59; c. 2. CULTURAL ANTHROPOLOGY. B.A. State Lyceum E. Gojdu, Oradea, Rumania, 38; M.A. Univ. Hungary, Kolozsvár, 43, Ph.D.(ethnol), 44. Researcher, Sci. Inst. Transylvania, Kolozsvár, Hungary, 42-45; teacher Romance lang, State Lyceum Salonta, Rumania, 45-47; lectr. Free Univ. Sci. & Soc. Acad. Mind-szenty, Buenos Aires, 52-58; teacher Romance lang, Mittersburg Mil. Inst, 64-66; ASST. PROF. ANTHROP, STATE, 66-69; BOWLING GREEN STATE, 68- Ad. prof. ethnol. Univ. Hungary, Kolozsvár, 43-45. Fel. Anthropol. Asn. Peasant societies of east Europe and Latin America; ethnological theory; ethnomusicology; ethnolinguistics. Publ: Folk song in the village Siter, Hétel, 39; Hemp work in the village Balványosvaralja, Univ. Hungary,



Kolozsar, 45; La cancion popular Hungara, Academy Mindszenty, 59. Address: Dept. of Sociology, Bowling Green State University, Bowling Green, Ohio 43402.

VINSON, DR. JAMES R(ICHARD), b. Wichita Falls, Tex, July 8, 37; m. 61; c. 1. ECONOMICS. B.B.A., Hardin-Simmons, 63, M.A., 64; fel, Houston, 64-67, M.A. & Ph.D.(econ), 68. Asst. prof. ECON, HARDIN-SIMMONS, 67-69, RES. PROF. 69-, DIR. BUR. ECON. & BUS. RES. 68- Mem. Nat. Univ. Res. Adminstr., 68- Small area or regional economic analysis. Publ: An economic base study—west central Texas, W. Cent. Tex. Coun. Govt., 69. Address: 5342 Burbank St, Abilene, Tex. 79605.

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VISER, PROF. FESTUS JUSTIN. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New publ. Ed. The U.S.S.R. & today world, 69 & ed, The public press—a force and a challenge, 70, Memphis State Univ. Address: Dept. of Economics, Memphis State University, Memphis, Tenn. 38111.

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VISSER, DR. DERK. Modern History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.

VITULLI, DR. WILLIAM FRANCIS, b. Brooklyn, N.Y., July 17, 36; m. 61; c. 2. PSYCHOLOGY. B.A., Miami (Fla), 61, M.S., 63, Ph.D.(psychol), 66. Asst. prof. PSYCHOL, SOUTH ALABAMA, 65-69, ASSOC. PROF. 69- Psychol. Asn. Experimental analysis of behavior: operant conditioning, learning theory. Publ: Stimulus properties of varied food concentrations, Psychonomic Sci, 67, The effects of punishment on food pellet discrimination, J. Psychol, 69 & Interactive effects of shock, insulin and food pellet properties on operant behavior, Psychol. Reports, 70. Address: Dept. of Psychology, University of South Alabama, Mobile, Ala. 36608.

VIZZA, DEAN ROBERT F, b. Apr. 2, 33; U.S. citizen; m. 54; c. 4. MARKETING, MANAGEMENT. M.B.A., City Univ. New York, 59; Ph.D., N.Y. Univ., 67. Act. exec. Debold, Inc, 61-64, Dir. Adm. Tring. Sys., 64-69, 61-66; assoc. prof. mkt. & chmn. dept. bus., C.W. Post Col, Long Island, 66-67; PROF. MGT. & DEAN SCH. BUS, MANHATTAN COL, 67- Consult, Gen. Elec. Co; Gen. Aniline & Film Corp; Sylvania Elec. Prod. Corp; World Trade Center, Port of New York Authority; J.P. Stevens Co; Enjay Chem. Co; Hoffman-La Roche, Inc; Int. Paper Co. Marketing manpower development; marketing concept; sales management. Publ: Ed. New handbook of sales training, Nat. Soc. Training Execs, Prentice-Hall, 67; auth, Adopting the marketing concept—fact or fiction?, Sales Execs. Club New York, 67. Address: School of Business, Manhattan College, Bronx, N.Y. 10471.

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VOLD, PROF. GEORGE B(RYAN). Sociology. See 11th ed, Soc. & Behav. Vols, deceased 67.

VOLKOMENER, SISTER HELEN, F.C.S.P. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.

VOLPE, PROF. PAUL (ANTHONY). Finance. See 11th ed, Soc. & Behav. Vols, deceased 68.

VOLPP, DEAN LOUIS D, b. Ida Grove, Iowa, Nov. 16, 29; m. 56; c. 4. MANAGEMENT SCIENCE. B.S., Iowa State, 52; M.A., Iowa, 56, Ph.D.(mkt), 58. Instr. econ. hist. & statist, Iowa, 55-57; asst. prof. mkt, Illinois, 57-60, assoc. prof. bus. admin, 61-67, asst. grad. sch. bus. admn, 62-65, assoc. provost, 65-67, dir. comput. based ed. res. lab, 66-67; PROF. MANAGERIAL ECON. & CHMN. DEPT. MGT. SCI, DUKE, 67-, DEAN GRAD. SCH. BUS. ADMIN, 68- Vis. assoc. prof, Dartmouth Col, 60-61; chief div. tech. sci, State of Illinois, 66. U.S.M.C. 52-59, Res. 55-60, Capt. Econ. Asn; Inst. Mgt. Sci, Mkt. Asn. Market structure and strategy design; economics of organization design; managerial economics. Address: 115 Social Science Bldg, Duke University, Durham, N.C. 27706.

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VON DER EMBSE, DR. THOMAS J, b. Kalida, Ohio, July 30, 35; m. 64; c. 1. BUSINESS MANAGEMENT. B.S., Dayton, 60; M.B.A., Indiana, 61; Ph.D. (personnel admin), Ohio State, 68. Instr. mgt, St. Vincent Col, 61-63; asst. to dean, sch. bus., DAYTON, 64-65, ASSOC. PROF. MGT, 66- U.S.A., 54-56. Acad. Mgt, Soc. Sci. Mgt, Asn. Personnel Admin. Organizational identification; leadership attitudes; simulation training for managers. Address: 2038 Lakewood Dr, Dayton, Ohio 45420.

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Body image as a psychophysical factor in hearing loss; group process as a factor of change in student teaching. Address: Publ. Personnel Services, Escambia County Board of Public Instruction, Pensacola, Fla. 32506.

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Radical Polit. Econ., Union for Radical Polit. Econ., 69- Econ. Asn.; Indust. Rel. Res. Asn. Poverty; comparative economic systems; labor economics; manpower. Publ: Hard-core unemployment in Detroit; causes and remedies, Indust. Rel. Res. Asn., 65; co-auth. Share of corporate profits in postwar period, U.S. Dept. Commerce, 65. Address: Dept. of Economics, American University, Massachusetts and Nebraska Ave. N.W., Washington, D.C. 20016.

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- Sample design for surveys; research in survey methodology, especially sampling, response errors and questionnaire design. Publ: Co-auth, A study of response errors in expenditure data from household surveys, J. Am. Statist. Assn. 64 & Sampling applications in census and surveys, Bur. Census, U.S. Dept. Commerce, 65; auth, The role of sampling in population censuses: its effect on timeliness and accuracy, Demography, 68. Address: 6302 Tone Dr., Bethesda, Md. 20034.
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- WALKER, DR. KENNETH P(HILLIP), b. Morning Sun, Iowa, Sept. 7, 34; m. 59. PSYCHOLOGY. B.A. Iowa, 58, M.A. 61, Ph.D.(sch. psychol.), 63. Teacher, Tipton Community Sch, 58-60; ASSOC. PROF. SCH. PSYCHOL., INDIANA STATE, 63-65. Del. Des Moines Child Guid. Center, Iowa, 69-70. Consult, Vigo County Diag. Counseling & Remedial Center, 67-. U.S.N.R. 53-61. Psychol. Assn; Coun. Except. Children. School psychology; treatment of emotionally disturbed children; stability of intelligence test scores. Publ.: Follow-up study of two methods of treating retarded readers, Teachers Col, J, 1/67; The stability of IQ scores among educable mentally retarded children, Training Sch. Bull, 2/70. Address: 200 Marigold Dr, Terre Haute, Ind. 47803.
- WALKER, PROF. ODEL L, b. Carter, Okla, Aug. 10, 30; m. 53; c. 4. AGRICULTURAL ECONOMICS. B.S. Okla. State, 52, M.S. 57; Ph.D.(agr. econ), Iowa State, 59. Instr. AGR. ECON, OKLA. STATE, 56-57, asst. prof. 59-62, assoc. prof. 62-64, PROF. 64-. ASST. DEAN GRAD. COL, 67-. v.chmn.-elect, gen. faculty, 69-70, v.chmn., 70-71. U.S.A. 53-55, Res. 55-62, Capt. Agr. Econ. Assn. production economics and farm management, especially application of mathematical programming, simulation and games to agricultural organization problems. Publ: Computer applications in university farm management research: aggregative analysis, U.S. Dept. Agr, D.C. 68; co-auth. Extending the representative farm concept in farm management education, J. Farm Econ, 12/67 & Optimum allocation of North American resources: capital and management, In: A North American common market, Iowa State Univ, 69. Address: Dept. of Agricultural Economics, Oklahoma State University, Stillwater, Okla. 74074.
- WALKER, PROF. RICHARD LOUIS. Comparative Government, International Relations. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Mem. acad. adv. bd., center strategic & int. studies, Georgetown, 68; mem. bd. dirs. Nat. Cmt. U.S.-China Rel., 69-. New publ: Ancient China, Watts, 69. Address: Dept. of International Studies, University of South Carolina, Columbia, S.C. 29208.
- WALKER, DR. R(OBERT) E(DGAR). Animal Ecology & Behavior. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- WALKER, DR. ROBERT NEWTON. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 70-, Dept. of Sociology, Sam Houston State University, Huntsville, Tex. 77340.
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- WALKER, PROF. RONALD E, b. East St. Louis, Ill, Jan. 23, 35; m. 62; c. 4. PSYCHOLOGY. B.S. St. Louis, 57; M.A., Northwestern, 59, Ph.D.(psychol.), 61. Intern.-trainee clin. psychol., Vet. Admin. Hosps, Chicago area, Ill, 58-61; PROF. PSYCHOL. & CHMN. DEPT, LOYOLA (ILL), 61- Lectr., Northwestern, 59-64; supvr. clin. training, Loyola Guid. Center, 63-65. Consult, Vet. Admin., 65-. Am. Psychol. Assn-Nat. Sci. Found. vis. scientist, 68-69; Am. Psychol. Assn-Nat. Inst. Ment. Health vis. consult, 69-70. AAAS; fel. Psychol. Assn. Manifest anxiety determinants of clinical judgment; sensitivity training effectiveness; diagnostic reliability variables. Publ: Co-auth. The relationship between digit span and anxiety, 65 & Manifest anxiety and clinical judgment of schizophrenic cues, 65; J. Clin. Psychol; co-auth. The effects of experimenter presence and subject briefing on social desirability scale scores, J. Clin. & Consult. Psychol., 70; plus others. Address: Dept. of Psychology, Loyola University, 6525 N. Sheridan Rd, Chicago, Ill. 60626.
- WALKER, PROF. WANDA C. HOLLINGSWORTH, b. Oakland, Ark, Mar. 28, 18; m. 38; c. 3. PSYCHOLOGY, EDUCATION. A.B. Arkansas, Fayetteville, 38, M.S. 50, Ed.D.(sec. ed), 53. Substitute teacher, pub. schs, Ark, 38-42, teacher, 48-50 & 53-55; assoc. prof. Miss. State Col, summer 55; asst. prof. ED. & PSYCHOL, NORTHWEST MO. STATE COL, 55-60, assoc. prof. 60-66, PROF. 66-. U.S. Off. Ed. res. grant, 68-. Volt Tech. Corp. consult, 70-. Child and educational psychology; evaluation and research; pupil evaluation; elementary methods. Publ: Teacher's manual for Dr. A.T. Jersild's child psychology, Prentice-Hall, 5th ed, 60; Philosophy of education, Philos. Library, 63; Readiness tests for disadvantaged pre-school children, Ed. Resources Info. Center, 70. Address: Dept. of Psychology, Northwest Missouri State College, Maryville, Mo. 64468.
- WALLACE, DR. DAVID. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 26 Rice's Lane, Westport, Conn. 06880.
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- 69-. Consult, Grand Forks Civil Serv. Cmn, 66-. U.S.A. 51-52, S/Sgt. Orthopsychiat. Asst. Acad. Psychother., Psychol. Assn. Psychoanalytic psychotherapy; existential philosophy and its application to psychotherapy; community mental health. Publ: Contrib. International resources in clinical psychology, McGraw, Austria, 64 & Handbook of clinical psychology, McGraw, New York, 65. Address: 1600 University Ave, Grand Forks, N.Dak. 58201.
- WALLACE, DR. PAUL. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof., 69-. Dept. of Political Science, University of Missouri, Columbia, Mo. 65201.
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- WALLACE, DR. RICHARD S, b. Washington, D.C., June 24, 34; m. 58; c. 3. ECONOMICS. A.B. Wofford Col, 58; Ph.D.(econ), Virginia, 65. Economist, Fed. Reserve Bank of Richmond, Va, 63-66; asst. prof. econ, Ga. State Col, 66-67, assoc. prof. 67-70; DEAN SCH. BUS. ADMIN, WINTHROP COL, 70-. U.S.A. 57-60, Lt. Econ. Assn. Money and banking; transportation and urban economs. Address: School of Business Administration, Winthrop College, Rock Hill, S.C. 29730.
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- WALLACE, DR. RUFH A, b. Gary, Ind, Sept. 13, 32. SOCIOLOGY. B.A. Immaculate Heart Col, 61; M.A., Notre Dame, 63; Nat. Inst. Ment. Health, California, Berkeley, 65, Ph.D.(sociol.), 68. Instr. SOCIOL., Immaculate Heart Col, 68, ASST. PROF. 68-70; GEORGE WASHINGTON, 70-. Lectr., Calif. Col, Los Angeles, 69-70. Sociol. Assn. Sociology of religion and education; study of change of religious affiliation. Address: Dept. of Sociology, George Washington University, Washington, D.C. 20006.
- WALLACE, PROF. SCHUYLER CRAWFORD. Political Science. See 11th ed, Soc. & Behav. Vols., deceased 69.
- WALLACH, DR. MAXIMILIAN. Statistics, Actuarial Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Dept. supt. & actuary, Dept. Ins. D.C. Govt, 70-. Address: 8305 Meldoy Court, Bethesda, Md. 20834.
- WALLER, DR. HAROLD M(YRON). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn., 69-. Dept. of Political Science, McGill University, Montreal, Que, Can.
- WALLER, PROF. JAMES MUIR. Finance. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Retired, Georgia, 68; vis. prof. 69-70, Dept. of Economics, University of Virginia, Charlottesville, Va. 22903.
- WALLER, DR. T(HOMAS) GARY, b. Yazoo City, Miss, Dec. 26, 39; m. 62. EXPERIMENTAL PSYCHOLOGY. B.S. Southern Mississippi, 60, M.S. 61; Ph.D.(psychol.), Vanderbilt, 67. Res. assoc. human resources res. off., George Washington, 61-64; res. asst. PSYCHOL., Vanderbilt, 64-67, ASST. PROF. 67-68; WATERLOO, 68- AAAS; Psychol. Assn. Discrimination learning. Publ: Effects of magnitude of reward in spatial and brightness discrimination tasks, J. Comp. & Physiol. Psychol., 65, 123-127. Address: Dept. of Psychology, University of Waterloo, Waterloo, Ont, Can.
- WALLERSTEIN, L(EIBERT) B(ENET). Labor Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Economist, environ. develop. div. bur. pub. rds, U.S. Dep. Transportation, 69-. Address: 3505 Thornapple St, Chevy Chase, Md. 20015.
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- WALLIN, DR. J(OHN) E(DWARD) WALLACE. Psychology. See 11th ed, Soc. & Behav. Vols., deceased 69.
- WALSH, PROF. JAMES ANTHONY. Psychology, Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. psychol. & statist, 69-, Dept. of Psychology, Iowa State University, Ames, Iowa 50010.
- WALSH, PROF. RICHARD G. Agricultural Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof., 68-. Dept. of Economics, Colorado State University, Fort Collins, Colo. 80521.
- WALSH, DR. WALTER BRUCE, b. Buffalo, N.Y., Nov. 6, 36. COUNSELING & SCOLIOLOGICAL PSYCHOLOGY. B.S. Pa. State, 59; M.A. Kent State, 61; Ph.D.(ed), Iowa, 65. Asst. prof. PSYCHOL., OHIO STATE, 65-69, ASSOC. PROF. 69-. Psychol. Assn; Personnel & Guid. Assn. Ecological orientations; stability and change in human characteristics; behavioral assessment and modification in counseling; validity of self-report under differential conditions. Publ: Co-auth. Strategies in counseling for behavior change, 70 & Behavior change in counseling: readings and cases, 70, Appleton; auth. Self-report under socially undesirable and distortion conditions, J. Counseling Psychol., 3/6/69. Address: Dept. of Psychology, Ohio State University 1945 N. High St, Columbus, Ohio 43210.
- WALSHE, DR. A. PETER, b. Johannesburg, South Africa, Jan. 12, 34; m. 57; c. 4. POLITICAL SCIENCE, ECONOMICS. B.A. Oxford, 56, M.A. 59, D.Phil.(polit. sci.), 68. Lectr. econ. Univ. Col. Pius XII, Basutoland, 59-62; asst. prof. NOTRE DAME, 62-63, ECON. & GOVT, 67-69, ASSOC. PROF., 70-. African Studies Assn. Rise of African nationalism in Southern Africa; comparative race relations, especially in Southern Africa, Caribbean and the United States. Publ: The rise of African Nationalism in South Africa, C. Hurst, London, 70; The changing content of apartheid, Rev. Polit. 7/63; and



- origins of African political consciousness in South Africa, *J. Mod. African Studies*, 12/67. Address: African Studies Program, University of Notre Dame, Notre Dame, Ind. 46556.
- WALTER, DR. EUGENE V (ICTOR), b. New York, N.Y., Mar. 16, 25; m; c. 5. SOCIOLOGY. B.A. Miami (Fla.), 47; M.A. Duke, 48; Ph.D. (polit. sci.), Minnesota, 53. Instr. govt. Miami (Fla.), 50-51; soc. sci., Minnesota, 51-53; chmn. dept. polit. sci., Wis. State Col., 53-54; asst. prof. polit. sci., Ohio Wesleyan, 54-55; assoc. prof., 55-57; Rockefeller fel. legal & polit. philos., 57-58; assoc. prof. polit. Brandeis, 58-61, sociol., 61-64; prof. sociol. & chmn. dept. soc. rels., Massachusetts, 65-67; prof. polit. sci. & sociol., Boston, 67-69; LECTR. SOCIOL. DEPT. PSYCHIAT. MED. SCH., HARVARD, 69- U.S.N. 43-46; Fel. Sociol. Assn. Anthropol. Assn. Political sociology and theory; sociological theory; political sociology and anthropology; urban sociology. Publ: Co-auth. Power and civilization, Crowell, 62 & The critical spirit: essays in honor of Herbert Marcuse, Beacon, 67; auth. Terror and resistance: a study of political violence, Oxford Univ., 69. Address: Lab. of Community Psychiatry, Harvard Medical School, 58 Fenwood Rd, Boston, Mass. 02115.
- WALTER, DR. JOHN (THOMAS). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Economist, bur. planning & mkt., U.S.P.O. Dept., 69. Address: 601 Creek Crossing Rd, N.E. Vienna, Va. 22180.
- WALTER, DR. KENNETH WILLIAM. Business Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 17 Glenavoy Ave, Toronto 315, Ont, Can.
- WALTERS, DR. CHARLES G. b. Americas, Ga, Apr. 20, 29; m. 52; c. 4. MARKETING. B.S. Auburn, 55; M.S. 57; Ph.D. (econ.), Illinois, 63. Asst. prof. Mkt. LA. STATE, BATON ROUGE, 61-66; ASSOC. PROF., 66- Nat. Assn. Purchasing Agents fel, 64; La. State Univ. Found. res. grants, 69-70. U.S.N., 48-52. Mkt. Assn. Marketing theory; consumer behavior; marketing channels. Publ: Co-auth. Consumer behavior: an integrated approach, Irwin, 70; Credit record: information tool on planning, fall 66 & Appraising retailers use of the polygraph, winter 68, J. Retailing. Address: 919 Rodney Dr, Baton Rouge, La. 70808.
- WALTERS, DR. ERNEST J. JR, b. Pine Bluff, Ark, Oct. 27, 27; m. 57; c. 1. POLITICAL SCIENCE. B.S., La. State, 50; M.A., Chicago, 58; Danforth grant, 58-67. Ph.D. (pol. sci.), 68. Field rep, U.S. Civil Serv. Cmn, 52-54 & 56-62; asst. prof. POLIT. SCI., FURMAN, 62-69; ASSOC. PROF., 69- U.S.A., 46-47. Publ. Sci. Assn. Classical political theory; the emergence of behavioral social science from moral philosophy; the political and ethical basis of twentieth-century liberalism. Address: 26 Swanson Court, Greenville, S.C. 29609.
- WALTERS, PROF. J. HART, JR, b. San Jose, Calif, Nov. 30, 25; m. 49; c. 3. ECONOMICS, MARKETING. A.B., California, 48; M.A., 54; Ford Found. fel, Pennsylvania, 56-58, Ph.D. (econ, mkt), 58. Asst. mkt., Illinois, 53-54; instr. Pennsylvania, 54-58; asst. prof. Cornell, 58-63; assoc. prof. bus. admin. George Washington, 63-68; PROF. MKT., TEMPLE, 68- Ford Found faculty res. fel, 61-62; nat. invest. Libr. Manpower Res. Stn, 67-70; Summer, S.C. Johnson & Son grant, 59. U.S.A.F., 43-46. Mkt. Assn. Econ. Assn. Comparative marketing systems; attitudinal research. Publ: Structured or unstructured interviews, 4/60 & Retailing in Poland: a first hand report, 4/64, J. Mkt. Discrepancy of assortment, Temple Univ. Econ. & Bus. Bull, winter 68. Address: Dept. of Marketing, Temple University School of Business Administration, Philadelphia, Pa. 19122.
- WALTERS, DR. JOAN GILBERT, b. Providence, R.I., Aug. 5, 24; m. 56; c. 5. ECONOMICS. A.B. Harvard, 46; M.A., 48, Ph.D. (econ.), 51. Econ. res. asst. grad. sch. bus. admin. Harvard, 48-50; economist, int. finance div. Bd. Gov. Fed. Reserve Syst., 52-54; security analyst, investment admt. dept., First Nat. City Bank, New York, N.Y., 54-57; instr. ECON., FAIRFIELD, 63-65, asst. prof., 65-70; ASSOC. PROF., 70- Fairfield Univ. Res. Coun. grant. bank & regional develop, 68-69, congenetics, 69-70. Consult. Choice, Asn. Col. & Res. Librs., 65- AAAS; Econ. Assn.; Finance Assn. Money; banking, particularly nature and development of congenetics; international trade. Publ: Education first-then contraception, Science, 9/68 & Is the one-bank holding company doomed?, Appalachian Financial Rev., 70. Address: 9 Holmes Court, Darien, Conn. 06820.
- WALTON, DR. DAN WELLS. Mammalogy, Anatomy. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- WALTON, DR. JOHN T. b. Los Angeles, Calif, Sept. 22, 37; m. 66. SOCIOLOGY. B.A. San Fernando Valley State Col., 60; M.A., 62; California, Los Angeles, 62-63, Berkeley, 63-64, Ph.D. (sociol.), Santa Barbara, 66. ASST. PROF. SOCIOL. NORTHWESTERN, 66- res. grant, coun. intersocietal studies, 67-69. Soc. Study Soc. Soc. Study Soc. Prob.; Polit. Sci. Assn. Political sociology; methods of social research; developing nations. Publ: Current status of research on community power structure, 1/66 & Development decision making, 3/70, Am. J. Sociol.; A note on the sociology of knowledge, Am. Sociol. Rev., 10/66. Address: Dept. of Sociology, Northwestern University, Evanston, Ill. 60201.
- WALZ, DR. GEORGE BURNETT, b. Washington, D.C., Dec. 4, 39; m. 69. EXPERIMENTAL PSYCHOLOGY. B.S. Pa. State, 62; Kingsley fel. Lehigh, 63-65, M.S. 66, Ph.D. (psychol.), 69. Psychologist & res. asst. psychol. bur., Edgewood Arsenal, Md, 62-63; asst. dept. psychol., Lehigh, 65-67, teaching intern, 67-69; ASST. PROF. PSYCHOL., INDIANA UNIV. PA., 69. Aversive control of behavior; decision-making; chemical transfer of learning; early experience. Publ: Co-auth. Selective attention in imprinting, 67 & Effect of UCS intensity on learning and performance in instrumental aversive conditioning, 68, Psychonomic Sci.; Unreliable data reports in probabilistic information processing, J. Exp. Psychol. (in prep). Address: Dept. of Psychology, Indiana University of Pennsylvania, Indiana, Pa. 15701.
- WANDEL, DR. WILLIAM H (AMLIN). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. ins. risk, 68-, Temple University, Speakman Hall, Philadelphia, Pa. 19122.
- WANDERER, DR. ZEY W (WILLIAM). Clinical & Experimental Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 8712 Wilshire Blvd, Beverly Hills, Calif. 90211.
- WANG, PROF. GEORGE CHING YUAN. Chinese Culture. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- WANG, DR. PETER C. Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Vis. asst. prof., 69-, Dept. of Statistics, Stanford University, 123 Sequoia Hall, Palo Alto, Calif. 94305.
- WARBERG, DR. CARLA MARIE, b. Denver, Colo, Dec. 14, 43. ECONOMICS. B.A. Colorado, 65; univ. fel. & M.A. Wisconsin, 68, Stoner fel. & Ph.D. (monetary econ), 70. FINANCIAL ECONOMIST, FED. RESERVE BANK DALLAS, 69- Econ. Assn. Monetary theory and policy; international monetary issues. Address: Federal Reserve Bank of Dallas, Dallas, Tex. 75222.
- WARD, DR. ALAN (JOSEPH), b. London, Eng. Nov. 26, 37; m. 59; c. 2. POLITICAL SCIENCE, INTERNATIONAL POLITICS. B.Sc. London, 58, Ph.D. (int. polit), 67; M.A. Connecticut, 60, Brit. Assn. for Am. Studies fel, 61-62. Lectr. polit. Adelaide, 63-67; asst. prof. GOVT., COL. WILLIAM & MARY, 67-69, ASSOC. PROF., 69- Polit. Sci. Assn. Anglo-American relations; United States ethnic group history and politics; Irish government; theory of national self-determination. Publ: Auth. Ireland and Anglo-American relations, 1890-1921, Univ. Toronto, 69; Frewen's Anglo-American campaign for Federalism, 1910-1921, 67 & America and the Irish problem, 68, Irish Hist. Studies. Address: Dept. of Government, College of William & Mary, Williamsburg, Va. 23185.
- WARD, DR. (FREDERICK) CHAMPION. Philosophy. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
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- WARD, DR. HORACE SINGLETON, JR, b. Garanhuns, Brazil, Mar. 30, 39; U.S. citizen; m. 57; c. 1. COUNSELING PSYCHOLOGY. B.A. Cedarville Col. & B.S. Ed. Central State, 61; Nat. Defense Ed. Act fel. & M.A., Ohio State, 66, Ph.D. (counseling), 69. Instr. pub. schs., Ohio, 61-64; psychol. Ambassador Bible inst, 65-66; soc. act. Lee Col. (Tenn), 66-67; res. assoc. psychol. col. med. Ohio State, 67-68; asst. prof., LEE COL. (TENN), 68-69, DEAN STUDENTS, 69- Res. consult. Ohio State Univ. Res. Found., 68-69. Personnel & Guid. Assn.; Asn. Measurement & Eval. Guid. Problems and interest of adolescents; factors related to choice of medical occupations. Publ: The generation gap: a diagnosis more deadly than the disease, Campus Call, 5/69; co-auth. Factors related to the choice of health professions, Personnel & Guid. J. (in press). Address: Lee College, Cleveland, Tenn. 37311.
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- WARD, PROF. NORMAN. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Correction in address: Dept. of Economics & Political Science, University of Saskatchewan, Saskatoon, Sask, Can.
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- auth, Systems for study & auth, Read, underline, review, McGraw, 70. Address: Student Counseling Bureau, University of Minnesota, Minneapolis, Minn. 55455.
- WARKENTIN, PROF. JOHN HENRY. Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Geography, York University, Downsview, Ont, Can.
- WARKOV, PROF. SEYMOUR. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Sociology, University of Connecticut, Storrs, Conn. 06268.
- WARLEY, PROF. T. K. b. Driffield, Eng, Aug. 19, 30; m. 55; c. 2. AGRICULTURAL ECONOMICS. B.Sc. Nottingham, 53, M.Sc. 56. Res. asst. AGR. ECON, Nottingham, 53-56; asst. lectr, 56-59, lectr, 59-67, reader, 67-69; PROF. GUELPH, 70-, vis. prof. Guelph, 69. Consult. European Econ. Community Cmn, 61-62; Ministry of Agr, U.K. 67-69. Mem. panel on cooperatives, Ministry of Overseas Develop, 68-69; adv. coun. Centre Int. Coop. Training, U.K. 68-69; adv. panel of economists, Meat & Livestock Cmn, 68-69. Brit. Army, 48-50, Sgt. Am. Agr. Econ. Assn; Can. Agr. Econ. Soc; Brit. Econ. Soc. Problems of international trade in primary commodities; problems of national and international agricultural policy, particularly in western Europe. Publ: Agriculture: the cost of joining the common market, Royal Inst. Int. Affairs, 67; ed, Agricultural producers and their markets, Blackwell, 67; auth, Chap. In: The economic integration of European agriculture, Neidenfell & Nicholson, 69. Address: Ontario Agriculture College, University of Guelph, Guelph, Ont, Can.
- WARM, DR. JOEL S. Experimental Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- WARNE, PROF. CLINTON L(EE). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also acting chmn, 68-, Dept. of Economics, Cleveland State University, 13 F, 2344 Euclid St, Cleveland, Ohio 44115.
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- WARNER, PROF. AARON W. Economics, Law. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also dean faculty, 69-, School of General Studies, Columbia University, 414 Lewisohn Hall, New York, N.Y. 10027.
- WARNER, PROF. DANIEL S. b. Dallas, Tex, July 10, 07; m. 39; c. 3. MASS COMMUNICATIONS. A.B. Michigan, 28; M.S. Oregon, 58. Assoc. prof. COMMUN, WASHINGTON (SEATTLE), 54-62, PROF, 62- Asst. ed. In Journalism; Mkt. Assn. fel. Acad. Adv.(pres, 62). Advertising; marketing. Publ: Co-auth, Advertising, 62. Speaking & advertising, 63; auth, Marketing and distribution: an overview, 69, McGraw. Address: 1810 Plaza 600, Seattle, Wash. 98101.
- WARNER, DR. LYLE GORDON. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dept. of Sociology, University of Nevada, Reno, Nev. 89506.
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- WARREN, DR. DAVID H(ARDY). b. Chelsea, Mass, July 28, 43; c. 67. PSYCHOLOGY. B.A. Yale, 65; Nat. Inst. Ment. Health traineeship, Minnesota, 65-69, Ph.D.(child development), 69. ASST. PROF. PSYCHOL, CALIFORNIA, RIVERSIDE, 69- Perception and perceptual development, especially the development of intersensory organization in humans. Publ: Co-auth, Sensory conflict in judgments of spatial direction, Perception & Psychophys, 7, 69; auth, Intermodality interaction in spatial localization, Cognitive Psychol, 7, 70. Address: Dept. of Psychology, University of California, Riverside, Calif. 92502.
- WARREN, PROF. NEIL D. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: No longer dean col. letters, arts & sci, Southern California. Address: Dept. of Psychology, University of Southern California, Los Angeles, Calif. 90007.
- WARREN, DR. RUSSELL GLEN. b. Baltimore, Md, Apr. 29, 42. ECONOMICS. B.S.B.A. Richmond, 64; Ph.D.(econ), Tulane, 68. Instr. ECON, Tulane, 65-66; RICHMOND, 66-68. ASST. PROF, 68- Part-time instr, Indiana, Indianapolis, 69-70; instr, U.S. Army Finance Sch, 69-71. Finance C, U.S.A. 69-71, Capt. Econ. Assn. Government regulation of business; macroeconomics; international trade. Publ: Economics of closed-territory distribution. Antitrust Law & Econ. Rev, winter 68-69. Address: Dept. of Economics, University of Richmond, Richmond, Va. 23173.
- WARREN, DR. WILLIAM HERBERT. b. Newport News, Va, July 21, 24; m. 48; c. 5. INDUSTRIAL PSYCHOLOGY, BUSINESS ADMINISTRATION. B.S. Richmond, 48; M.S. Purdue, 50, Ph.D.(indust. ed), 70. Asst. prof. mgt. Richmond, 50-54; dir. indust. rels, paper mfg. div, Ethyl Corp, 54-64, prod. mgr. corrugated container div, 64-66; ASSOC. PROF. TECH. PURDUE, 66- Consult. Buehler Corp, Ind, 66- U.S.N. 43-46, Res, 50-55, Lt. Psychol. Assn. Organization development; motivation; attitude measurement; market research; psychological testing; labor relations; educational technology. Publ: A study of computer use in medium sized manufacturing concerns, Off. Manpower Studies, Purdue Univ, 68. Address: 625 Cumberland Ave. West Lafayette, Ind. 47906.
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- WASS, DR. DONALD LEO. b. Columbus, Nebr, July 29, 32; m. 55; c. 4. INDUSTRIAL PSYCHOLOGY. B.A. Western Michigan, 58, M.A., 59; Ph.D. (indust. psychol), Purdue, 62. Chief eval. sect, Enlisted Eval. Center, U.S. Army, 62, res. dir. 63-65; mgr. personnel res. TEX. INSTRUMENTS, DALLAS, 65-66; MGR. PERSONNEL RES. TRAINING & DEVELOP, 66- Meritorious Civilian Serv. award, 65. U.S.A.F. 51-55, S/Sgt. Psychol. Assn. Motivation; management by objectives; attitude assessment; psychological evaluation; turnover reduction; job enrichment; communications; team development and personnel research. Publ: Teams of Texans learn to save millions, Training in Bus. & Indust, 11/67; co-auth, Promoting goal seeking behavior in managers, In: Part II, Managing for accomplishment, Heath Lexington, 70, Address: 923 Creekside, Richardson, Tex. 75080.
- WASSERMAN, DR. GERALD STEWARD. b. Brooklyn, N.Y. Nov. 22, 37; m. 62; c. 2. PSYCHOLOGY, NEUROPHYSIOLOGY. B.A. N.Y. Univ, 60; N.Y. Insts. Health fel, Mass. Inst. Tech, 63-65, Ph.D.(psychol), 65. Res. asst. psychol. Bellevue Med. Center, N.Y. Univ, 59-61; West Haven Vet. Admin. Hosp, 61; Mass. Inst. Tech, 61-62, teaching asst, 62-63; fel. ophthalmol. br. Nat. Inst. Neurol. Diseases & Blindness, 65-67; ASST. PROF. PSYCHOL, WISCONSIN, MADISON, 67- Prin. investr, Nat. Sci. Found. res. grant, 69- AAAS. optical Soc. Am; Psychol. Assn. Color vision; psychophysics; electrophysiology; neuropsychology; theories of color vision; small nervous systems; single cell recording. Publ: Brightness enhancement and opponent colors theory. 66 & Limulus receptor action spectra, 69, Vision Res; Heterochromatic additivity failure, Psychol. Rev, 69. Address: Dept. of Psychology, University of Wisconsin, Madison, Wis. 53706.
- WASSINK, DR. DARWIN. b. Edgerton, Minn, Oct. 3, 34; m. 63; c. 2. ECONOMICS. B.A. Minnesota, 62; M.A. Stanford, 65, Ph.D.(econ), 68. ASST. PROF. ECON, IOWA, 67- U.S.A.F. 55-58, Res, 60-67, Capt. Econ. Assn. Study of relationships between government policy and economic growth and development, especially interregional impacts. Address: Dept. of Economics, University of Iowa, Iowa City, Iowa 52240.
- WASSON, PROF. CHESTER R(EYNOLDS). Marketing. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1100 Geneva Rd, 31 B, St. Charles, Ill. 60174.
- WASSON, PROF. WOODROW W(ILSON). b. Cottonwood, Tenn, June 6, 16; c. 44. SOCIOLOGY, HISTORY OF RELIGION. A.B. Vanderbilt, 39, A.M., 40; B.D. Chicago, 42, fel, 44-45, Ph.D.(sociol. hist. relig), 47; M.L.S. George Peabody Col, 67. Prof. soc. sci, Okla. State Col, 47-48; Houston, 48-49; prof. sociol. & relig. & dean Christian Col, Georgia, 49-56; prof. hist. & sociol. relig, Vanderbilt, 56-57; archivist & dir. res, Disciples of Christ Hist. Soc, 58-64; archivist & curator, Vanderbilt Univ. & Joint Unvs. Libraries, Nashville, Tenn, 64-69; PROF. SOCIOL, MIDDLE TENN. STATE, 69- Fel, Oxford, 57-58. Soc. Sci. Study Relig; Sociol. Assn. Acad. Polit. & Soc. Sci. Sociology and history of religion; deviant behavior; marriage and the family. Publ: James A. Garfield—a study in the interrelationship of religion and politics. Tenn. Book Co, 52; co-ed, Christian-Evangelist Index, Disciples of Christ Hist. Soc. Vols. I, II & III, 62; auth, The dynamics of religious controversy, Mid-Stream, 64. Address: 1900 Randolph Place, Nashville, Tenn. 37215.



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- WATERMAN, DR. ANTHONY MICHAEL CHARLES, b. Southampton, Eng. June 4, 31; Can. citizen; m. 55; c. 4. ECONOMICS, ECONOMIC HISTORY. B.A. Cambridge, 54, M.A., 58; B.Th. Manitoba, 62; scholar, Australian Nat. Univ., 64-67, Ph.D.(econ), 68. Auditor, Fred Page Higgins & Co, Toronto, 54-56; econ. analyst chem. div. Can. Indust. Ltd, Montreal, 56-59; lectur. econ. & polit. sci. St. John's Col.(Man), 59-62, asst. prof. ECON, 62-64; ASSOC. PROF. MANTOBA, 67. Brit. Army, 50-51, Lt. Can. Econ. Assn. Theory of economic policy in open economies; theory of growth and fluctuations in open economies; international monetary and exchange rates theory. Publ: Economic fluctuations in Australia, Australian Nat. Univ, 70; Some footnotes to the swan diagram: or how dependent is a dependent economy?, Econ. Record, 9/68. The timing of economic fluctuations in Australia: January 1948 to December 1964, Australian Econ. Papers, 6/67. Address: Dept. of Economics, St. John's College, Winnipeg 19, Man, Can.
- WATERMAN, DR. HARVEY, b. Chicago, Ill, Sept. 2, 39; m. 65; c. 1. POLITICAL SCIENCE. A.B. Southern California, 61; Wilson tel. & A.M., Chicago, 63, Ph.D.(polit. sci), 69. Res. assoc. center int. studies, Princeton, 64-65; ASST. PROF. POLIT. SCI., DOUGLASS COL., RUTGERS, 66. Polit. Sci. Assn; Sociol. Assn; Int. Polit. Sci. Assn. Political style and sociology of industrialized societies; political mobilization of cultural minorities; empirical democratic theory; Western Europe. Publ: Political change in contemporary France, Merrill, 69. Address: Dept. of Political Science, Douglass College of Rutgers, The State University, New Brunswick, N.J. 08903.
- WATERS, DR. MAURICE. Political Science, International Relations. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof, Wayne State. New publ: Control, & Fed. The Caribbean and Latin America: a symposium, 69, Univ. West Indies. Address: Dept. of Political Science, Wayne State University, Detroit, Mich. 48202.
- WATERS, DR. THOMAS (JOSEPH), b. Philadelphia, Pa, Feb. 12, 31. PSYCHOLOGY. B.A., La Salle Col, 52; M.A., Fordham, 54; Ph.D.(psychol), Misouru, 62. Asst. Training Sch, Vineland, N.J., 54; psychol. intern, Vet. Admin. Hosp, Jefferson Barracks, Mo, 56; psychologist, Fulton State Hosp, 56-62; Ft. Logan Ment. Health Clin, Colo, 62-65; Clatsop County Ment. Health Clin, Ore, 65-68, dir, 68-69; CHIEF PSYCHOLOGIST, CLACKAMAS COUNTY MENT. HEALTH CLIN, OREGON CITY, 69. Consult, Tillamook County Ment. Health Clin, 66. Schizophrenia; self concept. Address: 3836 S.W. Hewitt, Portland, Ore. 97221.
- WATERS, DR. WILLIAM F, b. Dayton, Ohio, Apr. 25, 43; m. 67; c. 1. PSYCHOLOGY. B.A., Tulane, 64; M.S., Western Reserve, 66; Ph.D.(psychol), Case Western Reserve, 69. ASST. PROF. MED. PSYCHOL, SCH. MED, MISSOURI, COLUMBIA, 68-. CLIN. PSYCHOLOGIST, MID. MO. MENT. HEALTH CENTER, 69. Consult, Woodhaves Christian Children's Home, 68; exten. dir, Univ. Mo, 68; prnl. ad. bd, Mo. Assn. Ment. Health, 68-Psychol. Assn. Human defensive behavior and sympathetic recovery; human reinforcement hierarchies; sympathetic habituation in desensitization therapies; behavior modification research; human conditioned emotional responses. Address: Dept. of Psychiatry, University of Missouri School of Medicine, Columbia, Mo. 65201.
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- WATKINS, PROF. CALVERT (WARD). Linguistics. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang. Ling. & Philol.
- WATKINS, DR. DWIGHT G, b. Cincinnati, Ohio, Sept. 4, 23; m. 49. PSYCHOLOGY, GEOGRAPHY. B.A., Cincinnati, 49, M.A., 50; D.Ed.(testing), 66. Dir. guid. & testing, Southwest Local Dist, 59-63; guest lectr. ed. psychol, Cincinnati, 64-65; asst. prof. ed. psychol. testing & interviewing, Wis. State-Oshkosh, 66-69; ASSOC. PROF. ED. FOUNDS. & TESTING, YOUNGSTOWN STATE, 69-. Lectr. inserv. training, Winnebago State, Oshkosh, Wis, 68 & Woodside Receiving Hosp, Youngstown, Ohio, 69-70. Consult, Hamilton County Pub. Schs, 64-65; Consolidated Ed. Serv. Area, 67-68. U.S.A.A.F., 43-46. Psychol. Assn; Personnel & Guid. Assn; Geog. Assn. Testing in regard to learning, behavioral change and academic aptitude; impact of population density on behavioral activity. Address: Dept. of Educational Foundations, Youngstown State University, Youngstown, Ohio 44512.
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- WATSON, PROF. BILLY, b. Dallas, Tex. Sept. 26, 22; m. 45; c. 2. ORGANIZATIONAL BEHAVIOR. B.B.A., Texas, 47; M.B.A., Southern Methodist, 61; D.B.A., Colorado, 65. Instr. mgt. Colorado, 61-63; asst. prof. orgn. behav. Arizona State, 63-65; assoc. prof. policy & admin, SOUTHERN METHODIST, 65-68, PROF. ORGN. BEHAV. & POLICY & ASSOC. DEAN SCH. BUS, 68-U.S.N. Lt.(g). Acad. Mgt; Econ. Assn. Conflict resolution in organization; organization development; policy and administration. Publ: Co-auth, Simplified statistics, Pruitt, 63 & Contemporary American business, South-
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- WATSON, PROF. DONALD ARDEL. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: Bureau of Business & Economic Research, University of Oregon, Eugene, Ore. 97403.
- WATSON, PROF. GOODWIN. Social Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Assoc. dir, union exp. cols, 69-. Address: 170 Lisa Lane, Yellow Springs, Ohio 45387.
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- WATSON, DR. JOHN E(RNEST). Physiology, Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- WATSON, DR. NELSON A(ZER). Social Psychology, Criminology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Dir, prfl. standards div, Int. Chiefs police, 69-. Address: 3326 Longbranch Dr, Falls Church, Va. 22041.
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- WATSON, PROF. WILLIAM. Social Anthropology, Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position as address: Prof. & chmn, 69-, Dept. of Sociology, University of Oklahoma, 455 W. Lindsay, Room 521, Norman, Okla. 73069.
- WATSON, DR. WILLIAM BRAASCH. Modern & Medieval History. See 5th ed, Dir. Am. Scholars, Addenda, Vol. I, Hist.
- WATT, DR. JOHN ROBERTSON. Contemporary & East Asian History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- WATTENBERG, PROF. WILLIAM W(WOLFF). Educational Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also acting chmn. dept. ed. psychol, Wayne State. Address: 20220 Murray Hill, Detroit, Mich. 48235.
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- WEARDEN, PROF. STANLEY. Statistics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also chmn, 69-. Dept. of Statistics & Computer Science, West Virginia University, Morgantown, W.Va. 26505.
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- WEATHERBY, DR. JOSEPH NORMAN, JR. POLITICAL SCIENCE. B.A., Baylor, 58, M.A., 62; B.F.T., Am. Inst. For. Trade, 61; cert, Utah, 67 & 68, Ph.D.(polit. sci, geog), 68. Int. inst. int. div, Ford Motor Co, 62-64; ASST. PROF., Bay de Noc Col, Mich, 64-65; Utah, 65-68; POLIT. SCI. & GEOG., CALIF. STATE POLYTECH. COL., SAN LUIS OBISPO, 68-. Address: Dept. of Social Sciences, California State Polytechnic College, San Luis Obispo, Calif. 93401.

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- WEAVER, DR. JAMES H. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof., 69-, Dept. of Economics, American University, Washington, D.C. 20016.
- WEAVER, DR. SALLY M(AE), b. Ft. Erie, Ont., Aug. 24, 40; m. 64. ANTHROPOLOGY. B.A., Toronto, 63, M.A., 64, Ph.D.(cultural anthrop), 67. ASST. PROF. ANTHROP. WATERLOO, 66. Can. Coun. res. grant & Vanier Inst. Family grant, 68-69; summer stipend, Waterloo, 69. Anthropol. Asn.; Ethnol. Soc.; Soc. Appl. Anthropol.; Soc. Ethnol. Cultural anthropology, especially social and cultural change, medical acculturation, politics and voluntary associations among the Iroquois. Publ: Health, culture and dilemma: a study of the nonconservative Iroquois, Nat. Mus. Can., Ottawa, (in press), co-auth. Parallelism, homology and homoplasy in relation to hominid taxonomy and the origin of homo sapiens, Anthropologica, 6: 105-117. Address: Dept. of Sociology, University of Waterloo, Waterloo, Ont., Can.
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- WEED, PROF. FREDERIC A(UGUSTUS). Political Science. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also coordinator int. prog., 69-, Dept. of Political Science, San Jose State College, San Jose, Calif. 95114.
- WEEKLEY, DR. JAMES K., b. Seymour, Ind., Nov. 26, 33; m. 58; c. 2. BUSINESS ADMINISTRATION, ECONOMICS. B.S., Indiana, 59, M.B.A., 60, Nat. Defense Ed. Act fel., 60-63, D.B.A.(int. bus), 63. Asst. prof. econ. Macalester Col., 63-68; ASSOC. PROF. BUS. ECON. TOLEDO, 68. Lectr., Nat. Defense Ed. Act Inst. Adv. Latin Am. Studies, Col. St. Catherine, summer 68. U.S.A.F. 52-56. Econ. Asn. Role of capital markets in the development of low-income nations; international commercial policies. Publ: Security marketing in a less-developed economy, Inter-Am. Econ. Affairs, autumn 65; Christian democracy in Chile: ideology and economic development, S. Atlantic Quart., autumn 67; Toward a Central American capital market, J. Common Mkt. Studies, 12/68. Address: 2658 Goddard Rd., Toledo, Ohio 43606.
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- WEEKS, PROF. JAMES K. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos., Relig. & Law.
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- WEIGHTMAN, DR. GEORGE HENRY, b. Union City, N.J., Jan. 27, 29. SOCIOLOGY. A.B., Princeton, 51; M.A., Philippines, 52; Ph.D.(sociol), Cornell, 60. Asst. prof. SOCIOL, Philippines, 55-57; American Univ. Beirut, 59-62; res. assoc., Community Serv. Soc., N.Y., 62-63; asst. prof., San Diego State Col, 63-65; Lehman Col, 65-68; vis. prof., American Univ. Cairo, 68-69; ASSOC. PROF., LEHMAN COL, 69-. Peace Corps-Philippine area lectr, Hilo, Hawaii; San Jose State Col. & Sacramento State Col, 65; St. John's Col.(Md), 67. Sociol. Asn.; Asn. Asian Studies; Philippine Sociol. Soc.(ed), Philippine Sociol. Rev. 55-57, secy-treas, 56-57. Ethnic relations in Afro-Asian societies; modernization and social change. Publ: Co-auth. Occupational choices and mobility orientation among Lebanese students, 8/67 & auth. Nature of anti-Sinicism in the Philippines, 12/67, Asian Studies; Philippine Chinese image of the Filipino, Pac. Affairs, winter 67-68. Address: Dept. of Sociology, Lehman College, City University of New York, Bronx, N.Y. 10468.
- WEIGL, DR. PETER DOUGLAS. Ecology, Animal Behavior. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- WEILER, DR. HANS N(ORBERT). Political Science, Education. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 720 Vine St, Menlo Park, Calif. 94025.
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- DIR. BEHAV. SCI. SERV. FRY CONSULTS, INC. 65-. Adj. assoc. prof., Queens Col.(N.Y.), 66-; adj. prof., sch. indust. & labor rels, Cornell, 69-70. U.S.A.A.F., 46-47. Psychol. Asn.; Psychomet. Soc.; Soc. Training & Develop. Publ: Standardization of the general aptitude test battery for operating room technicians, U.S. Dept. Labor, 63; Aptitude, achievement and attainment in multi-occupational training, N.Y. State Dept. Labor, 65; Organization of mental abilities from ages 14 to 54, Ed. & Psychol. Measurement, 64. Address: 3212 Healy Ave, Far Rockaway, N.Y. 11691.
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- WEINSTEIN, DR. ESTHER G, b. Portland, Ore. Apr. 19, 10. SOCIAL SCIENCES. LL.B., Northwest Col. Law (Ore), 35; B.A., Willamette, 51; M.A., Syracuse, 61, D.S.Sc.(Am. studies), 67. MEM. FACULTY SOC. SCI, SHIMER COL, 62-. dean students, 62-68. W.A.C., 43-46, 1st Sgt. Nat. Asn. Women Deans & Counsr. American history since 1865; constitutional history. Address: Dept. of Social Sciences, Shimer College, Mt. Carroll, Ill. 61053.
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- WEINTRAUB, PROF. RUSSELL JAY. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
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- WEISSER, DR. HENRY G. British History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
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- WELCH, DEAN CLAUDE EMERSON, JR. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: State University of New York at Buffalo, 278 Hayes Hall, Buffalo, N.Y. 14214.
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- status and social context. Publ: Co-auth, Yorkie study: symptoms, problems and life events. Can. J. Pub. Health, 12/68; auth, On negotiating reality. Soc. Probs, spring 69 & Social Identities in black and white. Sociol. Inquiry, summer 70. Address: Dept. of Sociology, University of Toronto, 563 Spadina Ave, Toronto 5, Ont, Can.
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- The historical development of standard policies, 68, J. Risk & Ins; The changing insurance industry, Mich. State Univ. Bus. Topics, 69. Address: Dept. of Accounting and Financial Administration, College of Business, Michigan State University, East Lansing, Mich. 48823.
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- WESTLAKE, DR. PHILIP RADCLIFFE. Information Science, Communications. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- WESTLEY, PROF. BRUCE H(UTCHINSON). Journalism, Communications. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. & chmn., 69-, Dept. of Journalism, University of Kentucky, Lexington, Ky. 40506.
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- Wooster, 39-42; hall couns., Stephens Col., 42-43; assoc. dir. Suttland Hall, Fed. Works Agency, Pub. Bldgs. Admin., D.C., 43-45, dir. Barton Hall, 45-50; couns. women, New Mexico State, 50-52; Bemidji State, 52-53; assoc. prof. GUID. & COUNSELING, NORTHERN ILLINOIS, 59-62. PROF., 62-. ASSOC. DEAN OF WOMEN, 65-, asst. dean of women, 59-65. Psychol. Asn.; Personnel & Guid. Asn.; Nat. Voc. Guid. Asn.; Nat. Women Deans & Couns. Student adjustment problems; student satisfaction; sorority member achievement and characteristics. Publ.: Benefits to the university, Adelphi, univ. 66. Address: 432 Normal Rd., DeKalb, Ill. 60115.
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- WHEELER, DR. DAVID LAURIE. Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information also: Assoc. dean, 69-, Graduate School, Illinois State University, Normal, Ill. 61761.
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- WHELAN, PROF. JOHN WILLIAM. Law. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos. Relig. & Law.
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- velop. Communication of information within the boundaries of a society, especially the communication of innovative information; the influence of social structure upon values and patterns of behavior; majority-minority group relations. Publ. Co-auth. People in the middle: the Rhade of South Vietnam, Mich. State Univ, 10/62 & The Gospel: local reorganization in Japan, Human Org., fall 65. Address: Dept. of Anthropology, San Diego State College, San Diego, Calif. 92115.
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- WILLIAMS, PROF. GRIFFITH W (YNNNE). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 1428 S. Ave. Apt. 3F, Plainfield, N.J. 07062.
- WILLIAMS, DR. HAROLD N. b. Panama, Ill, Nov. 6, 27; m. 48; c. 4. **AUDIOLOGY, SPEECH PATHOLOGY**. B.S. Bradley, 46, M.S. 51, Ed.D. (speech ed), 57; George Peabody Col. Teachers, 53-57. Speech therapist, pub. schs. Portland, Ore, 52-53; exec. dir. Nashville League for Hard of Hearing, 53-56; dir. Augusta Speech & Hearing Center, 56-57; dir. clin. Lamar State, 67-69; DIR. SPEECH & HEARING CENTER, TEXAS, EL PASO, 69- Consult-assoc. clin. prof. Med. Col. Ga, 58-57; consult. Med. Col. S.C., 62-66; Phoenix Hrg. 67. U.S.A., 46. Nat. Rehab. Asn; Speech & Hearing Asn; Coun. Except. Children; Nat. Asn. Exec. Dir. Pub. Home clinic training program for disorders of articulation, Med. Col. Ga, 65; Speech rehabilitation of the larengectomized patient, Cancer J. for Clinicians, 61; Viewpoint of an audiologist-director, Audiotext, 66. Address: Speech & Hearing Center, University of Texas at El Paso, El Paso, Tex. 79902.
- WILLIAMS, DR. HAROLD R (OGER), b. Arcade, N.Y., Aug. 22, 35; m. 55; c. 2. **ECONOMICS**. B.A. Harper Col, 61; fel. Pa. State, 61-62, M.A. 62; fel. Nebraska, 64-65, Nat. Defense fel. Nebraska, 63-65, fel. 64-65, Ph.D. (econ), 65. Instr. ECON, Pa. State, 62-63; Nebraska, 65-66; asst. prof. Kent State, 66-68; assoc. prof. 68-69; Nat. Sci. Found. sci. faculty fel. Harvard, 69-70; ASSOC. PROF. ECON, KENT STATE, 70- Summers, Fed. Govt. Ed. Dept. grant, Kent State, 65, res. grant, 67. Econ. Asn; Finance Asn; Int. Econ. Asn. International economics; macroeconomic theory; money, banking and monetary theory. Publ: Macroeconomics: problems, concepts and self-tests, Norton, 67; co-auth. Macroeconomic analysis: selected readings, Appleton,
- 69 & Money, banking, and monetary theory: problems, concepts, and self-tests, Harper, 69. Address: Dept. of Economics, Franklin Hall, Kent State University, Kent, Ohio 44240.
- WILLIAMS, DR. HARRY, JR. b. Bynum, Tex, Mar. 10, 24; m. 47; c. 4. **ECONOMICS**. B.A. Texas, 49; M.A. 50, Ph.D. (econ), 57. From instr. to prof. Houston, 51-59; mgr. requirements res. & planning, Tex. Instruments, Inc. 59-61; sr. economist, weapons sys. eval. div, INST. DEFENSE ANAL., 61-62, asst. dir. econ. studies, econ. & polit. studies div, 63-69, ACTING DIR. PROG. ANAL. DIV, 69. V-pres. Gulf Coast Consult, Inc. 57-59. U.S.A., 43- Econ. Asn, Intl. Strategic Studies. Economic history; resource allocation; management of research activities. Publ: Planning for effective resource allocation in universities, Am. Coun. Ed, 66. Address: Program Analysis Division, Institute for Defense Analyses, 400 Army-Navy Dr. Arlington, Va. 22202.
- WILLIAMS, DR. HENRIETTA (VIER MEER), b. Pella, Iowa, Apr. 2, 24; m. 46; c. 1. **CLINICAL & EXPERIMENTAL PSYCHOLOGY**. B.A. Iowa, 44; M.A. Illinois, Urbana, 46, fel. 46-48, Ph.D. 49. Couns. Wisconsin, Madison, 48-51; lectr. psychol. 51-52; res. psychologist, Nat. Insts. Ment. Health, 65-67; RES. PSYCHOL, ST. ELIZABETH'S HOSP, D.C. 67- Psychol. Asn. Factor analysis as a statistical device in analyzing functional unities in the organism. Publ: A determination of psychosomatic functional unities in personality by means of P-technique, J. Soc. Psychol., 54; co-auth. Some factors influencing the treatment expectations of anxious, neurotic outpatients, J. Nervous & Ment. Disease, 67 & Replication of symptom distress factors in anxious neurotic outpatients, Multivariate Behav. Res., 4/68. Address: 7111 Wolfree Lane, Rockville, Md. 20852.
- WILLIAMS, DR. HERBERT H. b. Fentonville, N.Y., May 19, 21; m. 48; c. 3. **ANTHROPOLOGY**. B.A. Western Reserve, 44; M.S. Pittsburgh, 49, Ph.D. (anthrop), 58. Psychologist, Mid.E. Res. Proj. Columbia, 49-51; res. analyst, Inst. Int. Ed, 51-53; PROF. ANTHROP, SAN FRANCISCO STATE COL, 55- Nat. Inst. Ment. Health res. grant, 63-64. U.S.A.A.F. 42-45, 5/Sgt. Culture and personality; social structure; Middle East. Publ: Foreign study for Syriaansia guide to a long range program, Inst. Int. Ed, 53; co-auth. The Extended family as a vehicle of culture change, Human Rel., 65 & Subjective reactions to the Rorschach test situation, In: Context and meaning in cultural anthropology, Free Press, 65. Address: Dept. of Anthropology, San Francisco State College, San Francisco, Calif. 94132.
- WILLIAMS, PROF. IRVING G (REGORY). International Relations. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also Dir. hist. collections, St. John's (N.Y.), 69- Address: 54 Sunset Ave, Lynbrook, N.Y. 11563.
- WILLIAMS, DR. J. IVAN, b. Holyoke, Colo, July 1, 39; m. 61; c. 2. **SOCIOLOGY**. B.A. Nebr. Wesleyan, 61; Boston, 61-63; M.A. New Hampshire, 66; Ph.D. (sociol), Fla. State, 68. Instr. SOCIOLOG. inst. soc. res. Fla. State, 67-68; ASST. PROF. WESTERN ONTARIO, 64; ASST. PROF. COMMUNITY MED. & ASST. CHMN. DEPT. SOCIOLOGY, 68- Consult. Div. Pub. Health Nursing, State Bd. Health, Fla. 66. Pop. Asn; Sociol. Asn; Can. Sociol. & Anthropol. Asn. Publ: An analysis of mental hospital usage, Res. Reports in Soc. Sci., 69; Selection factors in vocational rehabilitation, Soc. Probs. 69. Address: 65 Royal York Rd, London, Ont, Can.
- WILLIAMS, DR. J (AMES) ALLEN, JR. Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, 69-, Dept. of Sociology, University of Texas, Austin, Tex. 78712.
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- WILLIAMS, DR. JOHN T (AYLOR), JR. Comparative Psychology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- WILLIAMS, DR. JUANITA HINGST, b. Jackson, Miss, Dec. 17, 22; m. 42; c. 4. **PSYCHOLOGY**. A.B. Rutgers, 57; M.A. Temple, 59, Ph.D. (psychol), 63. Psychologist, Vet. Admin, 60-64; private practice, 64-66; ASST. PROF. BEHAV. SCI, SOUTH FLORIDA, 66- Psychol. Asn. Verbal conditioning; personality development. Publ: Conditioning of verbalization, Psychol. Bull, 64 & Modification of preferences, Proc. Am. Psychol. Asn, 65. Address: Dept. of Behavioral Science, University of South Florida, Tampa, Fla. 33620.
- WILLIAMS, DR. KENNETH R. JR. Interpersonal Communication. See 5th ed, Dir. Am. Scholars, Vol. II, Eng. Speech & Drama.
- WILLIAMS, DR. MEYER. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Chief psychol. serv. Vet. Admin. Hosp, Madison, 69- Address: 927 Cornell Court, Madison Wis. 53705.
- WILLIAMS, DR. OLIVER HOYT, b. Brashear, Tex, Dec. 18, 11; m. COUNSELING, GUIDANCE. A.B. E. Tex. State Teachers Col, 36; summer, Colorado, 41; M.A. Texas, 49; Ph.D. (ed. psychol), Texas, Austin, 59. Prin, high sch, Tex, 36-38, teacher, 38-39, head sci. dept, 39-42, inspector & chief, Dallas Chem. Warfare Procurement Dist, 42-45; Col. recruiter & mem. col. rels. staff, Phillips Petrol. Co, 45-46; couns. & adv. Texas, 46-59; asst. prof. ed. & dir. guid. ed. Texas Christian, 59-64; prof. psychol. chmn. dept. & couns. Geneva Col, 64-69; DR. PRESBY. GUID. CENTER, 69- Fel. Col. Bus. Exchange Prog, Sears Roebuck & Co; chmn. volunteer serv. coun. Tex. State Hosps. & Spec. Schs; vis. summer prof. Macdonald Col, McGill, 63; Tulane, 64, 65; summer proj. dir. employ. orientation & commun. skills classes, Br. Employ. Security, Pa. 68. Mem. bd. dirs, William A. Lintz Sheltered Workshop, Pa. 64-67. Nat. Voc. Ed. Asn; Asn. Couns. Ed. & Supv; Personnel & Guid. Asn; fel. Mgt. Asn. Educational and adolescent psychology; counselor education. Publ: Selection and placement of technical personnel, Mimes Mag, 12/48; Jobs unlimited, Alcalde,



- 6/55; ed, Creative teaching. This is TCU: Mag. Texas Christian Univ. 3/61. Address: Presbyterian Guidance Center, 531 Kirk Rd, Decatur, Ga. 30030.
- WILLIAMS, DR. PATRICK M. b. Hollywood, Calif. Mar. 8, 31; m. 60; c. 3. BEHAVIORAL SCIENCE. B.S. California, 54, M.B.A. 59, fel. 62-64, Ph.D. (mgt. & behav. sci.), 65. Lectr. personnel mgt., Univ. California Exten, 57-59; coordinator exec. prog. & confs. grad. bus. sch. California; Los Angeles, 59-62; asst. prof. indust. rels. SAN JOSE STATE COL, 64-66, dir. inst. indust. rels. SCH. BUS. ADMIN. 66-69, ASSOC. PROF. MANPOWER ADMIN. 68- Asst. dir. inter disciplinary faculty-student seminars, U.S. Off. Ed. 69. Consult. Agni State Hosp., Control Data Corp, Lockheed Missiles & Space Co, U.S. Forest Serv. Int. Bus. Mach. Corp. & Calif. State Dept. Rehab. U.S.A. 54-57, 1st Lt. Acad. Mgt. Soc. Training & Develop. Management theory and policy; management and organization development; leadership training; manpower planning and policy. Publ: The leadership of organizations, Wiley, (in prep); co-auth. Police leadership, motivation and goal setting, Prentice-Hall, (in prep); auth. Barriers to the delegation of authority in formal organization, NASA, paper 13, 64. Address: Bldg. BB, Suite 4, School of Business, San Jose State College, 125 S. Seventh St, San Jose, Calif. 95114.
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- WILLIAMS, PEARL R(AVNER). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Spec. asst. manpower anal. div. res. grants, Nat. Insts. Health, 69- Address: 5101 River Rd, Apt. 1504, Chevy Chase, Md. 20016.
- WILLIAMS, DR. ROBERT C. Speech. See 5th ed, Dir. Am. Scholars, Vol. II, Eng, Speech & Drama.
- WILLIAMS, DR. STANLEY B. Sociology, Anthropology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Chmn., 70-, Dept. of Sociology, University of Tennessee at Martin, Martin, Tenn. 38237.
- WILLIAMS, DR. THEODORE P. Biophysics, Physical Chemistry. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- WILLIAMS, DR. TIMOTHY CHENEY. Animal Behavior. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- WILLIAMS, DR. WESLEY W. Religion, Sociology. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
- WILLIAMS, PROF. WILBUR A(LLEN). Educational Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn, 68-, Division of Educational Psychology, Eastern Michigan University, Ypsilanti, Mich. 48197.
- WILLIAMS, DR. WILLARD F. Agricultural Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Pres. Agr. Res. Assocs, Inc. Address: Dept. of Agricultural Economics, Texas Tech University, Lubbock, Tex. 79409.
- WILLIAMSON, DR. DONALD S. Pastoral Psychology. See Suppl. I to 5th ed, Dir. Am. Scholars.
- WILLIAMSON, DR. SAMUEL RUTHVEN, JR. Diplomatic History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- WILLICK, DR. DANIEL H. b. St. Louis, Mo. Sept. 4, 42; m. 65; c. 1. SOCIOLOGY. A.B. California, Los Angeles, 64; Woodrow Wilson fel. Chicago, 64-65, Nat. Defense Ed. Act fel. 65-67, A.M. 66, Ph.D. (sociol.), 68. ASST. PROF. SOCIOL. CALIFORNIA, SANTA BARBARA, 67- (sociol. Asn. Public attitudes toward foreign affairs; structure of governmental bureaucracies; sociological study of criminal homicide; sociology of law. Publ: Co-auth. The reinforcement of traditional career patterns in agencies under stress, Pub. Admin. Rev. 2/68; auth. Public interest in international affairs: a cross national study, Soc. Sci. Quart. 9/69; Foreign affairs and party choice, Am. J. Sociol. 1/70. Address: Dept. of Sociology, University of California, Santa Barbara, Calif. 93106.
- WILLIS, DEAN EARL T(THOMAS). Social Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also grad. prof. ed, Towson State Col, 68- Address: 2001 Tree Lane, Timonium, Md. 21093.
- WILLIS, DR. EDWIN O'NEILL. Ornithology, Ethology. See Suppl. VI to 11th ed, Phys. & Biol. Vols.
- WILLIS, DR. WILLIAM S(HEDRICK), JR. Anthropology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Assoc. prof, 68-, Southern Methodist University, Dallas, Tex. 75222.
- WILLNER, DR. ANN RUTH. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, Dept. of Political Science, University of Kansas, Lawrence, Kans. 66044.
- WILLOWER, PROF. DONALD JAY. b. Buffalo, N.Y. May 31, 27; m. 49; c. 2. EDUCATIONAL ADMINISTRATION, SOCIOLOGY OF EDUCATION. B.A. Buffalo, 50, M.A. 51, Ed.D. (gen. admin.), 59. Teacher, pub. schs. N.Y. 55-57; instr. Ed. ADMIN. Buffalo, 57-59; asst. prof. P.A. STATE, 59-62, assoc. prof. 62-65, PROF. 65- Mem. b. trustees, Univ. Coun. Ed. Admin. 68-; mem. Am. Asn. Sch. Adminstr. Nat. Cmn. Prfln. Prep. 68-70. U.S.A. 45-46. Ed. Res. Asst. The school as a social organization; the theory-practice relationship in education. Publ: Co-ed. & contrib. auth. The professorship in educational administration, Univ. Coun. Ed. Admin. 64; co-auth. The school and pupil control ideology, Pa. State Univ. 67; auth. Schools as organizations, J. Ed. Admin. 69. Address: 207 Rackley Bldg, Pennsylvania State University, University Park, Pa. 16802.
- WILMER, DR. HARRY A(ROON). Psychiatry. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Consult. psychiat, 69-, Scott & White Clinic, Temple, Tex. 76501.
- WILMSEN, DR. EDWIN N(ORMAN). Anthropology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. prof. anthrop. & curator, 68-. Museum of Anthropology, University of Michigan, Ann Arbor, Mich. 48104.
- WILSON, DR. ALBERT JOHN ENDSLEY, III. b. Pittsburgh, Pa. Oct. 9, 34; m. 55, 65 c. 3. SOCIOLOGY. B.S. Fla. State, 56, U.S. Pub. Health Serv. fel. 63-65; M.R.C. Florida, 58, Ph.D. (sociol.), 62. Employ. counselor, Fla. State Employ. Serv. Tallahassee, 56-57, rehab. counselor, dir. voc. rehab, 58-61, res. soc. scientist, Fla. State Bd. Health, St. Petersburg, 61-66; pub. health behav. scientist, Pa. State Dept. Health, Harrisburg, 66-67; ASST. PROF. BEHAV. SCI. & ASST. DIR. GRAD. PROG. GERONT. SOUTH FLORIDA, 67-. Prin. investigator & proj. dir, U.S. Dept. Health, Ed. & Welfare grant, 69-70; proj. dir. subcontract with Family Serv. Assn. Greater Tampa, 69-70. Social Asn.; Pub. Health Asn.; Geront. Soc. Delivery of health and social services; health of the aged; retirement activities and role; deviant behavior; demographic analysis. Publ: Co-auth. Sampling procedures and problems in a study of extra hospital nursing needs, Nursing Res, summer 64, auth. Effect of health problems on family life of older persons, & Family life among elderly persons, In: The family: structure and function in health crises, spring 70, MacMillan. Address: Institute on Aging, University of South Florida, Tampa, Fla. 33620.
- WILSON, PROF. ANDREW W(ILKINS). Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Appointed mem. cmm. geog. arid lands, Int. Geog. Union, India, 68. Address: Dept. of Geography & Area Development, College of Business & Public Administration, University of Arizona, Tucson, Ariz. 85721.
- WILSON, DR. ARTHUR JESS. Clinical Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Psychologist, adm. consultant D. Roosevelt Hosp, 68- Address: 487 Park Ave, Yonkers, N.Y. 10703.
- WILSON, PROF. CHARLES Z, JR. Economics, Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. ed. & asst. v.chancellor, 68-, University of California, Murphy Hall, 405 Hilgard, Los Angeles, Calif. 90024.
- WILSON, PROF. CYNTHIA. Climatology, Geography. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- WILSON, DR. DAVID A(RNOLD). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Mgr. econ. & statist. div, 69-, Canadian Pulp and Paper Association, 2300 Sun Life Bldg, Montreal 110, Que, Can.
- WILSON, DR. FRANK B. Speech, Audiology. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- WILSON, DEAN GEORGE WILTON, b. Winnipeg, Man. Feb. 15, 28; m. 52; c. 3. ECONOMICS. B.Comm. Carleton, 50; M.A. Kentucky, 51; fel. Cornell, 52-55, Ph.D. (econ). 55. Economist, Bd. Transport Cmnrs, Ottawa, 51-52; asst. prof. econ. Middlebury Col, 55-57; ECON. TRANSPORTATION, SCH. BUS. INDIANA, BLOOMINGTON, 57, assoc. prof. 59-62, PROF. 62, CHMN. DEPT. ECON. 66- DEAN COL. ARTS & SCI. 70- Mem. Pres. Task Force on Transportation, 64, 68. Consult. Brookings Inst, Bur. of Budget, Twentieth Century Fund, Govt. of Can; Robert Nathan Assocs. & U.S. Dept. Justice. Pres. Transportation Res. Forum, 68. Econ. Asn. Economics of transportation and development and public policy; history of economic theory. Publ: Essays on some unsettled questions in the economics of transportation, Found. Bus. & Econ. Studies, Indiana Univ. 62; co-auth. Canada; an appraisal of its needs and resources, Twentieth Century Fund, 65 & The impact of highway investment on development, Brookings Inst, 66. Address: Dept. of Economics, Indiana University School of Business, Bloomington, Ind. 47401.
- WILSON, DR. HELEN K. b. New York, N.Y. Dec. 17, 30; m. 52; c. 4. PSYCHOLOGY. M.A. Minnesota, 67, Nat. Inst. Ment. Health fel. 65-69, Ph.D. (psychol.) 69. ASST. PROF. PSYCHOL. & CHMN. DEPT. ST. MARY'S COL. (IND), 69- Psychol. Asn. Contrast effects as a function of magnitude of reinforcement under free operant conditions; application of findings in human behavior modification. Publ: Co-auth. Cue and secondary reinforcement effects with children, 65 & Resistance to extinction as a function of percentage of reinforcement, number of training trials and conditioned reinforcement, 66, J. Exp. Psychol; co-auth. A correlational comparison of the Wolpe-Lang fear survey schedule and Taylor manifest anxiety scale, Behav. Res. & Ther. 66. Address: Dept. of Psychology, St. Mary's College, Notre Dame, Ind. 46556.
- WILSON, DR. JAMES W(ARNER). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Correction in address: Center for Cooperative Education, Northeastern University, Boston, Mass. 02115.
- WILSON, DR. JOHN M. Sociology, Criminology. See 11th ed, Soc. & Behav. Vols, deceased 69.
- WILSON, DR. JOHN OLIVER. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Asst. dir. off. planning, res. & eval, 69-, Office of Economic Opportunity, 1200 19th St. N.W. Room B717, Washington, D.C. 20506.
- WILSON, DR. JOHN PHILIP. b. Knoxville, Ill. Dec. 24, 35. ANTHROPOLOGY. B.S. Illinois, 58, M.A. 61; Ph.D. (anthrop.) Harvard, 69. CURATOR archaeol. MUS. N.MEXICO, 63-66, HIST. ARCHEOL., 66- Soc. Am. Archaeol; fel. Anthropol. Asn. C. Ethnohist. Southwestern United States archaeology, history and ethnohistory; historical archaeology. Publ: Military campaigns in the Navajo country, northwestern New Mexico, 1800-1846, Mus. N.Mex. Res. Records, 67; Excavations at Fort Fillmore, El Palacio, Mus. N.Mex. Vol.

74, No. 2; Another archaeological survey in east-central Arizona: preliminary report, Plateau, Mus. North. Ariz. Vol. 39, No. 4. Address: Museum of New Mexico, P.O. Box 2087, Santa Fe, N.Mex. 87501.

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WILSON, DR. LOGAN. Sociology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. Change of address: American Council on Education, One Dupont Circle, Washington, D.C. 20036.

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WILSON, DR. STEPHEN R. b. Zanesville, Ohio, Apr. 7, 40; m. 65; c. 2. SOCIOLOGY. B.A. Denison, 62; M.A. Kent State, 64; Ph.D.(sociol.), Duke, 67. ASST. PROF. SOCIOL., TEMPLE, 67- Sociol. Asn. Small groups; social psychology. Publ.: The laboratory situation in experimental discussion groups, Sociometry, 6/69; co-auth. Status inconsistency and satisfaction with sororities, Social Forces, 10/69; Some factors influencing instrumental and expressive ratings in task-oriented groups, Pac. Sociol. Rev., winter 70. Address: Dept. of Sociology, Temple University, Philadelphia, Pa. 19122.

WILSON, DR. STEWART WADE. Electrical Engineering, Physics. See Suppl. V to 11th ed, Phys. & Biol. Vols.

WILSON, DR. THEODORE RAYMOND. Economics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Also acting asst. to the pres, Union Col., 68- Address: Division of Social Science, Union College, Schenectady, N.Y. 12308.

WILSON, DR. WILLIAM CODY. Social Psychology. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position & address: Exec. dir., 68-, U.S. Commission on Obscenity & Pornography, 1016 16th St. N.W., Washington, D.C. 20036.

WIMMER, DR. LARRY T. b. Snowflake, Ariz., Dec. 8, 35; m. 58; c. 4. ECONOMICS. B.S. Brigham Young, 60; M.A. Chicago, 62, Frank Knight, Marshall Field, Lilly & Earhart Iels. & B.D.(econ), 68. Instr. ECON, BRIGHAM YOUNG, 63-65, asst. prof. 66-68, ASSOC. PROF. & CHM. DEPT. 69- Res. analyst, Utah State Iels., 68- Econ. Asn.; Econ. Hist. Asn. Economic history; theory; public finance; international monetary economics. Publ.: Co-auth. Econometric model of the Utah revenue system, Off. Utah Legis. Analyst, 68. Address: Dept. of Economics, Brigham Young University, Provo, Utah 84601.

WINDAL, DR. FLOYD WESLEY. Accounting. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New position: Prof. act., 69-, Dept. of Accounting & Financial Administration, Michigan State University, East Lansing, Mich. 48823.

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WINSTON, DR. CLEMENT. Statistics. See L-Z Vol. 11th ed, Soc. & Behav. Vols. New information: Retired, 69. Address: 4501 Connecticut Ave. N.W., Washington, D.C. 20008.

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- WISENTHAL, DR. MILES, b. Montreal, Que., Oct. 29, 13; m. 35; c. 2. PSYCHOLOGY, STATISTICS. B.A., Sir George Williams, 56; M.A., McGill, 57; Prov. Que. scholar, London, 62-64, Ph.D.(psychol.), 64. Res. asst. psychol., McGill, 56-58, lectr., 58-59, asst. prof., 59-61, assoc. prof., 63-65, prof., 65-69; DIR. ED. DIV. DOM. BUR. STATIST., 69-. Lectr., Royal Naval Coll., Eng., 62-64; consult., Ministry Ed., Prov. Que., 64-68. Can. Army, 40-45, Capt., Am. Ed. Res. Asn.; Can. Psychol. Asn.; Can. Ed. Res. Asn.; Brit. Psychol. Soc. Individual differences; learning theory; measurement of human abilities. Address: Education Division, Dominion Bureau of Statistics, Ottawa, Ont., Can.
- WISH, DR. MYRON, b. New Orleans, La. Mar. 23, 40; m. 64; c. 1. PSYCHOLOGY. B.A., Western Reserve, 61; summer, Nat. Sci. Found. fel., Michigan, 62 & 62-65, M.A., 63, Ph.D.(psychol.), 66. Asst. prof. psychol. & ED., TEACHERS COL. COLUMBIA, 66-69, PART-TIME RES. ASSOC. PSYCHOL., 69-; MEM. TECH. STAFF, BELL TEL. LABS., 67-. Nat. Sci. Found. grant, 68-73. Participant, Nat. Sci. Found. Inst. Comput. Appln., Univ. Colorado, summer 68. Psychonomic Soc.; Psychomet. Soc.; Psychol. Asn.; Soc. Psychol. Study Social Issues. Applications of multidimensional scaling in social psychology, perception, and psycholinguistics; measurement theory; mathematical models. Publ.: A model for the perception of Morse Code-like signals, Human-Factors, 67; sr. co-auth., Differences in perceived similarity of nations, In: Multidimensional scaling: theory and applications in the social sciences, Stanford Univ., 70 & Differences in conceptual structure: nations an exploratory study, J. Personality & Soc. Psychol., 70. Address: Bell Telephone Labs., Murray Hill, N.J. 07974.
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- WOGAMAN, DR. JOHN PHILIP. Social Ethics. See 5th ed, Dir. Am. Scholars, Vol. IV, Philos, Relig. & Law.
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- WOLF, DONALD, S.J. Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof, 69-, Dept. of Political Science, Arizona State University, Tempe, Ariz. 85281.
- WOLF, PROF. ELEANOR PAPERNO, b. Detroit, Mich. Feb. 16, 17; m. 36; c. 2. SOCIOLOGY. B.A. Wayne State, 38, M.A. 39, Ph.D. (sociol), 59. Spec. instr. sociol, Wayne State, 44-57; staff sociologist, Merrill-Palmer Inst. Human Develop, 59-60; from asst. prof. to assoc. prof. SOCIOLOGY, WAYNE STATE, 60-68, PROF, 68- Exec. dir. intergroup rels, Mich. Labor Cmt, 46-54, consult, 60-; community res. dept, Merrill-Palmer Inst, 60- Sociol. Asn; Soc. Study Social Probs. Intergroup and race relations; urban community research and theory. Publ: Co-auth, Change and renewal in an urban community, Praeger, 69; auth, Class and race in the changing city, In: Urban research and policy planning, Sage Pub, 67; The tipping point in racially changing neighborhoods, In: Urban planning and social policy, Basic Books, 68. Address: Dept. of Sociology & Anthropology, Wayne State University, Detroit, Mich. 48202.
- WOLF, PROF. HAROLD ARTHUR. Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 69-, Dept. of Finance, School of Business, University of Texas, Austin, Tex. 78712.
- WOLF, DR. LAURENCE G(RAMBOW). Geography. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: prof. geog, Cincinnati, 69- Address: 3402 Whitfield, Cincinnati, Ohio 45220.
- WOLF, DR. RICHARD M. b. Pittsburgh, Pa, Sept. 6, 34; m. 58; c. 1. EDUCATIONAL MEASUREMENT, STATISTICS. B.A. Antioch Col, 57; Ed.M., Buffalo, 59; Ph.D. (ed), Chicago, 64. Res. asst, ed. res. center, Buffalo, 57-58; teacher, pub. schs, N.Y., 58-61; res. asst, dept. ed, Chicago, 61-63; res. assoc, grad. sch. ed. & lab. schs, 63-64, asst. prof. & res. assoc, dept. ed, Chicago, 64-65; asst. prof. measurement & statist. sch. ed, Southern California, 68-69; ASSOC. PROF. PSYCHOL. & ED, TEACHERS COL, COLUMBIA, 68- Consult, Int. Ed. Achievement Proj, 65-70. AAAS; Ed. Res. Asn; Psychol. Asn. Measurement of environments; cross-national achievement. Publ: The measurement of environments, In: Testing problems in perspective, Am. Coun. on Ed, 66; Evaluation of several formulae for correction of item-total test correlations in item analysis, J. Ed. Measurement, spring 67; Construction of attitudes and description scales & Data processing, In: International projects for the study of educational achievement, phase I: a comparative study of outcomes of mathematics instruction in twelve countries, Address: Box 165, Teachers College, Columbia University, New York, N.Y. 10027.
- WOLF, PROF. WILLIAM B. Business Administration & Management. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position: Prof. dept. manpower

studies, N.Y. State Sch. Indust. & Labor Rels, Cornell, 70- Address: 115 Lienroc Court, Ithaca, N.Y. 14850.

WOLFE, DR. ARTHUR COFFMAN, b. Pasadena, Calif, Nov. 2, 30; m. 54; c. 4. POLITICAL SCIENCE. B.A. Oberlin Col, 52; Earlham Col, 52-53; M.A. Michigan, 58 & 62, Ph.D. (polit. sci), 66. Ed. & training specialist, Truck Ed. Dept, 56-60; asst. in res, SURV. RES. CENTER, MICHIGAN, 62-64, asst. study dir, 64-66, STUDY DIR, 66- Med.C. U.S.A. 53-55. Polit. Sci. Asn. Political parties, public opinion and voting behavior in modern and developing democracies; social change in urban America. Publ: Trends in labor union voting behavior, 1948-1968, Indust. Rels, 10/69; co-auth, Continuity and change in American politics, Am. Polit. Sci. Rev, 12/69. Address: 1213 Olivia Ave, Ann Arbor, Mich. 48104.

WOLFE, PRES. GREGORY BAKER, b. Los Angeles, Calif, Jan. 27, 22; m. 46; c. 3. POLITICAL ECONOMY. A.B. Reed Col, 43; M.A. Fletcher Sch. Law, 46; Ph.D. (mt. rel), 61. Staff mem, int. div, Arthur D. Little, Inc, 52-57; exec. dir, Greater Boston Econ. Study Cmt, 57-61, dir, East Am. Prog. Cmt. Econ. Develop, 61-64; fed. negotiator, joint transportation cmt, Nat. Capitol Region, 62-66; dir. off. res. & anal. for Am. repub. bur. intel. & res, U.S. Dept. State, 64-68; PRES, PORTLAND STATE, 68- Consult, Ford Found, 61; U.S. Dept. State, 70- U.S.N.R. 42-46, Lt. Polit. Sci. Asn. Publ: Auth. & co-auth, Metropolitan policy studies and economic base reports, Greater Boston Econ. Study, 57-61. Address: Portland State University, P.O. Box 751, Portland, Ore. 97207.

WOLFE, DR. THOMAS WILLIAM, b. San Francisco, Calif, Jan. 1, 14; m. 39; c. 3. POLITICAL SCIENCE. B.A. Hiram Col, 35; M.A. Columbia, 50; Ph.D. (polit. sci), Georgetown, 55. SR. STAFF MEM, RAND CORP, 62- Consult, U.S. Arms Control & Disarmament Agency, 66- Mem, Coolidge Disarmament Cmn, 59-60; U.S. Info. Agency-Nation Disarmament Del, 60. U.S.A.F. 42-62, Col. Asn. Adv. Slavic Studies; Polit. Sci. Asn; Instr. Strategic Studies. Soviet foreign and defense policy; Soviet leadership politics; Warsaw Bloc psycho-Signetics, Dismos, Urbana, 64-68; intern. clin. psychol, Vet. Admin. Hosp, 63; Soviet power and Europe, Johns Hopkins, 70. Address: 6379 Dockser Terr, Falls Church, Va. 22041.

WOLFF, DR. KURT J. Psychiatry. See Suppl. VI to 11th ed, Phys. & Biol. Vols.

WOLFGANG, PROF. MARVIN E(UGENE). Sociology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also chmn, 69-, Dept. of Sociology, University of Pennsylvania, Philadelphia, Pa. 19104.

WOLFE, PROF. DAEL. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof, 70-, Graduate School of Public Affairs, University of Washington, Seattle, Wash. 98105.

WOLKISER, DR. ARTHUR M(ARTIN). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: Dude, Winnimil & Co, 1 Battery Park Plaza, New York, N.Y. 10004.

WOLLERSHEIM, DR. JANET P. b. Anaconda, Mont, July 24, 36; m. 59; c. 2. CLINICAL PSYCHOLOGY. B.A. Gonzaga, 58; univ. fel. St. Louis, 58-59, M.A. 60; U.S. Pub. Health fel, Illinois, Urbana, 63-64, 66-67, Ph.D. (clin. psychol), 68. Sch. psychologist, pub. schs, Ill, 59-63; instr. & teaching asst. psychol, res. assoc, res. for except. child, in 66, sch. psychol, pub. schs, Ill, 65. Psychol. Asn. Psychological treatment and behavior disorders; psychotherapy outcome research. Publ: Co-auth, The efficacy of two organizational plans for underachieving intellectually gifted children, 63 & An evaluation of two preschool programs for disadvantaged children, 68, Except. Children; Behavior therapy with children: a broad overview, In: Annual progress in child psychiatry and child development, Brunner, 68. Address: 1609 Stanford Dr, Columbia, Mo. 65201.

WOLOSIN, DR. ROBERT J(ONATHAN), b. Cincinnati, Ohio, Mar. 3, 42; m. 66; c. 1. SOCIAL PSYCHOLOGY. B.A. Chicago, 64; M.S. Michigan, 67, Nat. Sci. Found. & Rackham fel, 67-68, Ph.D. (soc. psychol), 68. ASST. PROF. PSYCHOL, INDIANA, BLOOMINGTON, 68- AAAS. Social psychology and perception; group dynamics; development of social concepts in children. Publ: Self and social perception and the attribution of internal states, Univ. Microfilms, Ann Arbor, 68; co-auth, Individual and group risk-taking in a two choice situation, 1/68 & The development of status distinctions under conditions of inequality, 10/68, J. Exp. Soc. Psychol. Address: Dept. of Psychology, Indiana University, Bloomington, Ind. 47401.

WOLPERT, DR. ARTHUR. Psychopharmacology, Psychiatry. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Psychiatrist, 70-, Sagamore Childrens Hospital, Melville, N.Y. 11746.

WOMER, PROF. FRANK B(URTON). Educational Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Staff dir, Nat. Assessment of Ed. Progress, 67- Address: University of Michigan, 401 S. Fourth St, Ann Arbor, Mich. 48103.

WONG, DR. JAMES J. b. Cleveland, Ohio, Dec. 20, 39; m. 66; c. 1. BUSINESS ADMINISTRATION, MARKETING. B.S. Ch.E. Ohio, 62; M.B.A. Case Western Reserve, 65; Illinois, 65; Hill fel, Ohio State, 67-68, Ph.D. (bus. orgn), 68. Process engr, refinery number 1, Standard Oil Co. Ohio, 62-63; proj. engr, explosive chem. div, Atlas Chem. Indus., Inc, 63; instr. MKT, MISSOURI-ST. LOUIS, 68, ASST. PROF, 69- Consult, Solid Waste Pollution Control Dept, Monsanto Co, summer 69. Mkt. Asn. Interorganizational relationships and behavior; analysis of the organization structure for solid waste management; credit service and consumer behavior. Publ: Retail credit systems—their relationships, importance and implications for the small retailer, Am. Mkt. Asn, 8/69; Merits of bank credit cards are in-



- definite for merchant having own charge plan. Am. Banker, 9/69; Bank credit cards—the retailer's point of view, J. Consumer Credit Mgt. (in press). Address: Dept. of Marketing, School of Business Administration, University of Missouri-St. Louis, St. Louis, Mo. 63121.
- WONG, DR. PATRICK TIN-CHOI. Genetics. See Suppl. VI to 11th ed, Phys. & Biols. Vols.
- WOOD, DR. DONALD MILTON, b. Gary, Ind. Aug. 27, 37; m. 60; c. 3. EXPERIMENTAL PSYCHOLOGY. B.S. Purdue, 59; M.A. North Carolina, 62, Ph.D. (psychol.), 63. Instr. PSYCHOL. SCH. MED. NORTH CAROLINA, CHAPEL HILL, 63-64, asst. prof. 64-70, ASSOC. PROF. 70-, ASST. DIR. CHILD DEVELOP. INST. Mem. Nat. Coun. Univ. Res. Adminstr. AAS: Psychol. Assn; Soc. Res. Child Develop. Psychophysiology; learning and motivation; child development. Address: Child Development Institute, Medical School, University of North Carolina at Chapel Hill, Chapel Hill, N.C. 27514.
- WOOD, DEAN ERNEST R (CHARD). Psychology, Statistics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dean Instr., 68-, Southwood College, Salem, N.C. 28385.
- WOOD, DR. FREDERIC C. JR. Religion, Empirical Studies. See 5th ed, Dir. Am. Scholars, Vol. IV, Phils. Relig. & Law.
- WOOD, DR. JAMES RUTLAND, b. Vina, Ala. June 18, 33; m. 55; c. 2. SOCIOLOGY. B.A. Vanderbilt, 54, M.A., 55, Nat. Inst. Ment. Health fel., 66-67, Ph.D. (sociol.), 67, B.D. Yale, 58. ASST. PROF. SOCIOLOGY, INDIANA, BLOOMINGTON, 67- Summer fel., inst. comp. sociol., Indiana Univ., 67. Sociol. Assn. Organizations in their social context. Publ. Co-auth, Industrialization, values, and occupational evaluation in Uruguay, Am. J. Sociol., 7/66, Aspects of racial integration in the Methodist church, Soc. Forces, 12/66, Children's interpersonal tactics, Sociol. Inquiry, winter 67. Address: Dept. of Sociology, Indiana University, Bloomington, Ind. 47401.
- WOOD, DR. JOHN B. b. Ames, Iowa, Oct. 11, 34; m. 57; c. 3. STATISTICS, ELEMENTARY MATHEMATICS EDUCATION. B.S. Wisconsin, 56; Nat. Sci. Found. assistantship, Minnesota, summers 61 & 62, Macpherson fel., 61-62, M.A. 62, Ph.D. (ed), 68. Instr. math, Tarsus Col, Turkey, 56-59; ASST. PROF., Hampton Inst., 67-70; ELEM. ED, NORTH DAKOTA, 70- Statist. Assn. Bayesian statistical inference in psychology and education. Address: New School, University of North Dakota, Grand Forks, N.Dak. 58201.
- WOOD, DR. JOHN J. b. Decatur, Tex. Mar. 21, 40; m. 61; c. 3. ANTHROPOLOGY. B.A. Colorado, 62, M.A., 64, Ph.D. (anthrop), 67. ASST. PROF. ANTHROP., NORTHERN ARIZONA, 66- Anthrop. Assn; Asn. Phys. Anthrop. Archeology in eastern Colorado; human cytogenetics; cultural ecology; Africa as a research area. Publ. Co-auth, The excavation of the Hazeltine Heights Site, 63 & Comments on the Bisterfield Potato Cellar Site and flexed burials in the western plains, 65, Southwest. Lore. Address: Dept. of Anthropology, Northern Arizona University, Flagstaff, Ariz. 86001.
- WOOD, KENNETH RUSSELL. Mathematical Statistics. See 11th ed, Soc. & Behav. Vols, deceased.
- WOOD, DR. LOWELL D. b. Cardston, Alta. Jan. 23, 33; m. 55; c. 4. ECONOMICS, AGRICULTURAL ECONOMICS. B.S. Brigham Young, 61; M.S., Montana State, 65; Ph.D. (agr. econ), California, Berkeley, 69. Agr. econ. mist., California, Berkeley, 68-69; ASST. PROF. ECON. & AGR. ECON., BRIGHAM YOUNG, 69- Agr. Econ. Assn. Resource economics. Address: 549 E. 2825 N, Provo, Utah 84601.
- WOOD, DR. RICHARD (HARVEY). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Prof. bus. admin, 69-, Dept. of Management, College of Commerce & Business Administration, University of Alabama, Box 6154, University, Ala. 35486.
- WOOD, PROF. ROBERT C (OLDWELL). Political Science. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Dir. joint center urban studies, Mass. Inst. Tech-Harvard, 69-; chmn. bd. dir. Mass. Bay Transportation Authority, 69- Address: Joint Center for Urban Studies, Massachusetts Institute of Technology-Harvard University, 66 Church St, Cambridge, Mass. 02138.
- WOOD, DR. VIVIAN J. b. Kenton, Ohio, Sept. 29, 22. SOCIOLOGY. B.A. Chicago, 52, M.A. 58, Ph.D. (human develop), 63. Res. assoc. human develop, Chicago, 61-63; res. sociologist, WISCONSIN, MADISON, 63-65, asst. prof. SOC. WORK & SOCIOL., 65-69, ASSOC. PROF., 69-, assoc. dir. Nat. Inst. Child Health & Human Develop. res. training prof. in aging, 66- Midwest Coun. Res. on Aging fel., 64-67; consult, Nat. Inst. Ment. Health res. demonstration proj., dept. soc. work, Univ. Kansas, 65-66. U.S.W.M.C.R., 43-45 Sgt. Sociol. Assn; Geront. Soc. Coun. Soc. Work Ed. Social gerontology; correlates of morale among aged persons; measurement of morale; retirement and migration; retirement-community living; generational value differences; differences in friendship over the life cycle; the grandparental role. Publ. Co-auth, The American retirement community: bane or blessing?, J. Gerontol., 4/69 & Methodological issues in measuring the environment in institutions for the aged, Aging & Human Develop., 70; chap. In: Social work and mental retardation, Day, 70. Address: School of Social Work, University of Wisconsin, 1225 Observatory Dr, Madison, Wis. 53706.
- WOOD, DR. WALTER A (BOTT). Geography. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- WOODWARD, PROF. F (LORENCE) M (AY). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: 31 N. Williams St. Burlington, Vt. 05401.
- WOODBURY, NATHALIE F (ERRIS) S (AMPSON). Anthropology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Ed. Newsletter & Bulletins, Am. Anthropol. Assn, 68-; res. assoc. anthrop., Massachusetts, 70- Address: Weatherwood Rd, RFD 3, Amherst, Mass. 01002.
- WOODBURY, PROF. RICHARD B (ENJAMIN). Anthropology, Archaeology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Head, 69-, Dept. of Anthropology, University of Massachusetts, Amherst, Mass. 01002.
- WOODCOCK, DR. RICHARD W (ESLEY). Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Dir. res, 68-, American Guidance Service, Inc, Circle Pines, Minn. 55014.
- WOODEN, PROF. RALPH L (EE). Education. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Also dir. audiovisual center, A&T State University, P.O. Box H-22, Greensboro, N.C. 27411.
- WOODIN, PROF. RALPH JAMES, b. Chardon, Ohio, Aug. 20, 09; m. 32; c. 1. AGRICULTURAL EDUCATION. B.S. Ohio State, 31, M.A., 44, Ph.D. (agr. ed), 52. Teacher high sch, Ohio, 31-40; Instr. AGR. ED, OHIO STATE, 40-48, asst. prof., 48-52, assoc. prof., 52-56, PROF., 56- Summers, vis. prof., Auburn, 52, Pa. State, 62, New Mexico State, 63. Ed. Agr. Ed. Mag., 62-65. Voc. Ed. Res. Assn; Voc. Assn. Supply and demand of teachers of vocational agriculture in the United States, 1965-1969; the use of filing systems by teachers of vocational agriculture in the United States. Publ. Co-auth, A university department evaluates its curriculum, Dept. Agr. Ed, Ohio State Univ., 58; auth, The role of state associations, Am. Voc. J., 10/64; New Resources in audio-visual materials and equipment, Worlds Poultry Sci. J., 1/65. Address: Dept. of Agricultural Education, Ohio State University, Columbus, Ohio 43210.
- WOODMAN, DR. HAROLD DAVID. United States Economic History. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- WOODRUFF, DR. LLOYD W (LBUR). Political Science, Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Assoc. prof., 69-, Division of Public Administration, University of New Mexico, Albuquerque, N.Mex. 87106.
- WOODRUFF, DR. ROBERT ARNOLD, JR. Psychiatry. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- WOODS, DR. CLYDE M. b. Seattle, Wash. Nov. 12, 32; m. 60; c. 4. ANTHROPOLOGY. B.A. San Jose State Col, 60, M.S. 61; M.A., Stanford, 63, Ph.D. (anthrop), 68. ASST. PROF. ANTHROP., CALIFORNIA, LOS ANGELES, 68- U.S.M.C.R. 52-55, Sgt. Anthrop. Assn. Cultural dynamics; economic anthropology; peasant societies; Middle and Latin America. Publ. San Lucas Toliman, In: Los Pueblos Del Lago Atitlan, Seminario de Integración Social, Guatemala C.A., 69; Students without teachers, In: Learning to work, Aldine, 70; co-auth, Foreign students at a high-pressure university, Sociol. Ed, Vol. 39, No. 2. Address: 74 18th St, Hermosa Beach, Calif. 90254.
- WOODS, DR. JAMES EDWARD. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New position & address: Chief psychologist, 69-, U.S. Medical Center for Federal Prisoners, Springfield, Mo. 65802.
- WOODS, JAMES L (EE), b. Columbus, Ohio, Feb. 29, 32; m. 53; c. 3. POLITICAL SCIENCE. B.A. Ohio State, 53, M.A. 57; univ. fel. Cornell, 56, Farr fel., 58, Soc. Sci. Res. Coun. fel., 59, Off. Sec. Defense fel., 67. Mgt. intern. OFF. SEC. DEFENSE, 60-61, plans analyst, off. dir. mil. assistance, 61-64, soc. sci. analyst, OVERSEAS DEFENSE RES. OFF., ADV. RES. PROJ. AGENCY, 64-66, chief res. & anal. div., 66-67, soc. sci. analyst, 68-69, CHIEF RESOURCES ANAL. & RES. DIV. 69- U.S.A. 53-55, Res. 55-, Maj. Soc. Int. Law, Polit. Sci. Assn; Asn. Asian Studies. National security policy; dynamics of political and economic development; revolutionary warfare; international relations. Address: Office of Secretary of Defense, Advanced Research Projects Agency, Research & Development Center, APO San Francisco 96346.
- WOODS, DR. STEPHEN C (HARLES), b. Pasadena, Calif. Feb. 17, 42; m. 64; c. 2. PSYCHOLOGY, PHYSIOLOGY. B.S. Washington (Seattle), 65, Nat. Defense Ed. Act fel., 66-68, U.S. Pub. Health Asn. fel., 68-70, Ph.D. (psychol.), 70. Clin. chemist, Children's Orthopedic Hosp. & Med. Center, Seattle, Wash., 65-70; ASST. PROF. PSYCHOL., COLUMBIA, 70- Diabetes Assn; Psychol. Assn. Classically conditioned endocrine responses; specific hungers; neural control of metabolic fuel stores; conditioned hypoglycemia. Address: Dept. of Psychology, Columbia University, New York, N.Y. 10027.
- WOODSON, G (GEORGE) STANLEY. Biostatistics. See Suppl. V to 11th ed, Phys. & Biol. Vols.
- WOODWARD, DR. ADDISON E. JR. b. Montclair, N.J. Apr. 30, 40; m. 62; c. 2. PSYCHOLOGY. B.S. Long Island, 64; M.A. Conn. Col., 66; Ph.D. (psychol.), Toronto, 68. ASST. PROF. PSYCHOL., ALBION COL., 68- Nat. Sci. res. fel., 68- Human memory; verbal learning. Publ. Co-auth, Positional and sequential probes in serial learning, Can. J. Psychol., 22: 131-138; co-auth, Transformations of positive and negative information in a modified learning set task, 72: 492-497 & auth, Continuity between serial memory and serial learning, (in press), J. Exp. Psychol. Address: Dept. of Psychology, Albion College, 704 E. Porter St, Albion, Mich. 49224.
- WOODWARD, DR. BURTON MOSSMAN, b. Springfield, Mass. Dec. 8, 15; m. 41; c. 2. MANAGEMENT SCIENCE, FINANCE. B.A. Florida, 59, M.B.A. 65, Ph.D., 68. V-pres. Employers Serv. Corp., 55-58; mgr. comput. center, Florida, 59-65; mgr. comput. lab, col. bus. admin., 67-68; ASSOC. PROF. data processing, Northern Arizona, 68-69; MGT. SCI., COL. WILLIAM & MARY, 69- Soc. Gen. Sys. Res; Inst. Decision Sci.; Economet. Soc.; Econ. Assn. Use of various statistical techniques to determine trend of stock mar-

ket. Address: Dept. of Management Science, School of Business Administration, College of William & Mary, Williamsburg, Va. 23185.

WOODWARD, DR. CHRISTEL A. b. Bronx, N.Y., Jan. 13, 41; m. 66. CLINICAL PSYCHOLOGY. B.S. State Univ. N.Y. Col. Potsdam, 61; M.A., Ohio State, 64, Ph.D. (clin. psychol.), 68. Teacher, elem. sch., N.Y. 61-62; psychologist, Children's Ment. Health Center, Columbus, Ohio, 65; Harding Hosp., 67-68; Lakeshore Psychiatric Hosp., 68-69; ASST. PROF. PSYCHIAT. (PSYCHOL.), McMASTER, 69. AAAS; Am. Psychol. Assn. Can. Psychol. Assn. Clinical judgment objective methods of personality measurement; evaluation of mental health programs; clinical child psychology. Address: 58 Lister Ave, Hamilton 52, Ont., Can.

WOODYARD, DR. HOWARD DALE, b. Chicago, Ill., Dec. 11, 37. CLINICAL & SOCIAL PSYCHOLOGY. B.A. Roosevelt, 61, M.A., 64; Ph.D. (psychol.), Florida, 68. Intern. psychol., Elgin State Hosp., 62-63; Univ. Florida Teaching Hosp., 66-67, mental health worker, child unit, 67-68; ASST. PROF. PSYCHOL., WINDSOR, 69. Can. Coun. res. grant, 69-70. Self perception theory; cognitive dissonance theory; person perception; neuropsychology; diagnostic techniques; treatment techniques. Publ: Co-auth., Personality impression change as a function of the favorableness of first impression, *J. Personality*, 35: 343-357; auth., A test of self-perception: Experiment I, 313-314 & Experiment II, 327-328, *Proc. Annual Convention, Am. Psychol. Assn.*, 69. Address: Dept. of Psychology, University of Windsor, Windsor, Ont., Can.

WOODYATT, DR. LYLE JOHN. Recent American & Russian History. See 5th ed, Dir. Am. Scholars, Vol. 1, Hist.

WOOLDRIDGE, DR. POWHATAN (JOSEPH), b. Lexington, Ky., Sept. 22, 35; m. 58; c. 3. SOCIOLOGY. B.A., Chicago, 56; B.S., Florida, 57, Fla. Tuberc. & Health Assn. Iels, 58-60, M.A., 60; U.S. Pub. Health Serv. fel., Yale, 61-63, Ph.D. (sociol.), 65. Asst. res. med. sociol., J. Hillis Miller Health Center, 58-60; instr. sociol., Little Rock, 60-61; acting instr. sociol. & nursing, Yale, 63-64, asst. prof., 64-65; SOCIOL., Case Western Reserve, 65-68; ASSOC. PROF., IOWA, 68. Sociol. Assn. Practice theory and applied research, particularly in the nursing profession; principles of theory construction and research design; statistical procedures and techniques. Publ: Co-auth., Behavioral science, social practice and the nursing profession, *Case West. Reserve Univ.*, 68, Small sample field experiments for evaluating patient care, *Health Serv. Res.*, 67 & Race, status, and interaction between patients and hospital personnel, *Social. Quart.*, 68. Address: Dept. of Sociology, University of Iowa, Iowa City, Iowa 52240.

WOOLF, DR. GERALD, b. New York, N.Y., Nov. 27, 27; m. 51; c. 2. SPEECH PATHOLOGY, AUDIOLOGY. B.S., City Col. New York, 47; M.S., Pittsburgh, 50; Ph.D. (speech path.), N.Y. Univ., 59. Asst. prof. SPEECH, Pa. State, 61-64; Pittsburgh, 64-68; ASSOC. PROF., VERMONT, 68. Speech & Hearing Assn. Psychol. Assn.; Speech Assn. Am. Publ. Auth. The assessment of stuttering as struggle avoidance and expectancy, *Brit. J. Disorders of Commun.*, 10/67; co-auth., The effect of two ear training procedures on the improvement of auditory discrimination and articulation, *Except. Children*, 5/68. Address: Dept. of Speech, University of Vermont, Burlington, Vt. 05401.

WOOLLEY, DR. DALE EDWARD. Linguistics, Speech Science. See 5th ed, Dir. Am. Scholars, Vol. III, For. Lang. Ling. & Philol.

WOOLLEY, DR. HERBERT B (ALLANTYNE). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: U.S. Agency for International Development/EAD, APO San Francisco 96352.

WOOLRYCH, DR. EDMUND H (UMPHRY). Economics. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Economist, Edmund H. Woolrych Co, 69. Address: 736 Stafford Place, San Diego, Calif. 92107.

WOOLSEY, THEODORE D (WIGHT). Public Health. See L-Z Vol, 11th ed, Soc. & Behav. Vols. Change of address: National Center for Health Statistics, 8-05 Parklawn Bldg, 5600 Fisher's Lane, Rockville, Md. 20852.

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DEPT., 69-. Australian Psychol. Soc.; Chartered Inst. Secretaries; assoc. Australian Soc. Accountants. Interaction of motivational variables and perceptual processes; application of multidimensional scaling procedures to social psychological problems. Publ: Generalization phenomena associated with previous pairings of USC (shock) and subliminal visual stimuli, *J. Personality & Soc. Psychol.*, 3: 634-640; auth., chap. In: *Perception: a laboratory manual*, New South Wales Univ., 67; Paired comparison scaling of brightness judgements: a method for the measurement of perceptual defense, *Brit. J. Psychol.*, 60: 363-368. Address: Dept. of Psychology, Trent University, Peterborough, Ont., Can.

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- WRIGHT-VON CONRAD, GEORGIA BERNADETTE, b. Waller, Tex. Mar. 22, 25; m. 60. SPEECH PATHOLOGY, NURSING EDUCATION. B.S. Houston, 52; Stephen F. Austin State Col, 52; M.Ed., Houston, 54; M.A., Iowa, 55; M.S., Purdue, 59. Surg. asst., dept. surg., Mem. Hosp, 47-50; dir. nursing ed. Methodist Hosp, 55-56; teaching asst., clin. psychol., Purdue, 56-59; exec. asst., dir. nursing admin., St. Elizabeth Hosp, 59-65; dir. nursing ed., Bethany Hosp, 65-69; DIR. NURSING ADMIN. & ED., LUTHERAN HOSP. ST. LOUIS, 69- Speech consult., Human Rel. Res. Fund, 59; Ambia Sch. Ex-cept. Children, 65- Nurse C, U.S.A. 44-46. AAAS; Speech & Hearing Assn; Acad. Polit. & Soc. Sci. Psychological research, especially manifest anxiety and its concomitant effect on speech; milieu factors relating to the performance of hospital personnel and especially relevant to advanced training in nursing education. Publ: Co-auth, Paired associate learning in articulation disorders, *Nervous Child*, 55; auth, A factorial analysis of attribution in nursing students, *Nursing Sci.*, 56. Address: P.O. Box 22114, St. Louis, Mo. 63116.
- WU, DR. SILAS HSUI-LIANG. Modern Chinese History, Government. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
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- WYNAR, DEAN BOHDAN STEPHAN. Economic History, Bibliography. See 5th ed, Dir. Am. Scholars, Vol. I, Hist.
- WYND, DR. WILLIAM RUSSELL, b. Oklahoma City, Okla., Jan. 28, 33; m. 59; c. 2. MARKETING, ECONOMICS. B.S. Oklahoma State, 56; H.E. Westervelt fel. & M.S. Auburn, 63; M.B.A., Mich. State, 67, Ph.D. (forest econ), 69. Instr. forestry, Michigan Tech, 64-65; res. asst., FOREST ECON., Mich. State, 65-67; ASSOC. PROF., MICHIGAN TECH., 67- U.S.A., 56-62, Capt. Soc. Am. Foresters; Mkt. Assn. Economics and marketing of forest products. Publ: Co-auth, Executive search for the small firm, *J. Small Bus. Mgt.*, Vol. 5, No. 1, Pulp shipper-carrier cooperation improving, *The Timber Producer*, 5/69 & State-sponsored market publications for the lumber and wood products industry, *Northern Logger*, 6/69. Address: 1113 College Ave., Houghton, Mich. 49931.
- WYNNE, DR. RONALD DAVID. Psychology. See L-Z Vol, 11th ed, Soc. & Behav. Vols. New information: Dir. planning & eval. Volt Info. Sci., Inc, 68- Address: 3606 Norton Place N.W., Washington, D.C. 20016.
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Training & Develop; Indust. Rel. Res. Assn. Adult learning problems as conditioned by individual and organizational differences emphasizing self-instructional systems. Publ. Co-auth. Managing the instructional program effort, Univ. Mich. 67 & Labor relations for the supervisor, Addison, 68; auth. Predicting programmer performance, Am. Soc. Training & Develop. J. 1/70. Address: 307 Hagerty Hall, Ohio State University, Columbus, Ohio 43210.

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## Z

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